# Eat Well Play Hard in Child Care Settings 



Nutrition Education Curriculum Pre-K through 1st Grade

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hank you for your interest in our Eat Well Play Hard in Child Care Settings Pre-K through 1st Grade Nutrition Education Curriculum.

The curriculum was developed by the New York City Health Department. It is based on the Eat Well Play Hard in Child Care Settings Curriculum developed by the New York State Department of Health's Child and Adult Care Food Program.

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The Eat Well Play Hard in Child Care Settings Program is a U.S. Department of Agriculture Supplemental Nutrition Assistance Program Education project. It is administered through a partnership between the New York City Health Department and the New York State Department of Health.

We hope you find this curriculum informative and easy to use. We welcome your questions and comments. Please feel free to contact us at ewph@health.nyc.gov.

## Funding

This curriculum was funded by the U.S. Department of Agriculture's Supplemental Nutrition Assistance Program (SNAP). SNAP provides low-income households with assistance to buy nutritious foods for a better diet. To find out more, visit fns.usda.gov/snap or call 877-472-8411.

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## About the Curriculum Introduction

Welcome to the Eat Well Play Hard in Child Care Settings Nutrition Curriculum. The curriculum provides an introductory lesson, called Trying New Foods, and five modules for pre-K through 1st grade teachers.

Here is a brief overview of the contents:

- Each of the 5 modules contain four lessons and each lesson has 9 sections: Objectives, Supplies, Preparation, Introduction, Steps, Check for Understanding, Academic Integration, Extension Lessons, and Resources.
- The introductory lesson, Tasting New Foods, helps set the stage for the program. Students learn the rules for trying new foods and that trying new foods can be fun. Use this lesson to help students start practicing their skills of trying new foods in the classroom.
- Items provided to teachers in the toolkit will be in a bold, italic, green for easy identification.
- A KWL (what you already Know, what you Want to learn, what you Learned) chart is an option for teachers to complete with the students at the beginning and end of each module.
- Family Pages (in English and Spanish) can be found at the end of Lesson 1 in each module. These are to be sent home with the children for parents and caregivers to read.
- Recipes can be found at the end of Lesson 4 in each module. These are to be sent home with the children for parents and caregivers. The bold steps of each recipe are steps that children can do when making the recipe at home.
- Lesson 4 in each module contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided in this lesson to use as it fits into your classroom curriculum. We encourage you to include as much hands-on food tastings as possible throughout all of the lessons.

Please review additional information within the introduction section prior to starting the first lesson. Included in the next few pages you will find:

1. Cooking in the Classroom Procedures
2. Nutrition Information Backgrounders

Enjoy making fun and exciting new foods with your little "chefs!"

## Gooking in the Classroom

## General Tasting Guidelines

1. Wash all fruits and vegetables thoroughly, regardless of whether the produce will be served whole, peeled or cooked. Explain to the students that fruits and vegetables should always be washed before they are eaten.
2. Cut foods into bite-sized pieces and put them in individual serving bowls with serving spoons. Be sure to leave some fruits and vegetables whole for the students to see, touch, and smell.
3. If serving low-fat dairy products: 1) check the expiration date for freshness; 2) keep refrigerated until use; and 3) save the packaging so the students can see the source.
4. Always have the students wash their hands with soap before touching food. Sanitize all surfaces prior to the Fun Food Experience.
5. Let the students serve themselves samples of the foods. Assume that every student will taste the food, even if a child usually doesn't eat fruits or vegetables. Use positive phrases to encourage tasting new foods.

## Cooking Rules

- Sneeze or cough into your elbow, away from food.
- Never lick utensils and put them into community food.
- If you touch your nose, face or hair you need to wash your hands with soap again.
- Knives are for cutting food only.


## Food Allergies (fda.gov)

A food allergy is the body's immune system reacting to a food . Within minutes (or in up to 2 hours), it triggers symptoms. When serving food in the classroom to students, watch for symptoms and summon medical help immediately:

- Sneezing, runny nose, coughing, difficult breathing, dizziness, wheezing
- Itchy skin or eyes, rash, hives, swelling of throat, lip, face or tongue
- Nausea, diarrhea, vomiting, gas, pain, cramps

Common Food Allergies
Peanuts
Milk
Eggs
Fish and shellfish
Tree nuts (such as pecans, almonds, cashews, walnuts)

Soybeans
Wheat

## Nutrition Backgrounders

## Fruits and Vegetables

- Help children learn to love vegetables! Exposing children to a variety of foods early in life helps them to like more foods. However, sometimes new foods (like vegetables) take time. Children don't always take to new foods right away. Offer a small taste first, provide as many tasting opportunities as possible and be patient! Encourage families of your students to cook together, eat together, talk together and make mealtime a family time!
- Eating foods, such as vegetables that are low in calories per cup, instead of some other high calorie food, may be useful to lower overall calorie intake.
- Eating a diet rich in fruits and vegetables as part of a healthy diet may protect against certain types of cancer, reduce the risk for type 2 diabetes and reduce the risk for stroke and other types of heart disease.
- Dark orange and green vegetables provide vitamin A, vitamin C, fiber, potassium and many other nutrients. Foods are the best source of vitamins and minerals. Supplements cannot replace healthy food choices for a balanced diet.
- People who eat more fruits and vegetables as part of a healthy diet are likely to have a reduced risk of chronic disease.
- Eating fruit provides health benefits. Fruits provide nutrients vital for health and maintenance of your body, such as potassium, dietary fiber, vitamin C, and folate (folic acid). Most fruits are naturally low in fat, sodium, and calories. None have cholesterol.
- Any fruit or vegetable or $100 \%$ juice counts as a part of the Fruit or Vegetable Group. You can count fresh, canned, frozen or dried fruits and may be served whole, cut-up, or pureed.
- Lead by example. Eat vegetables, fruits and whole grains with meals or as snacks. Let your students see that you like to munch on raw vegetables.


## Low-Fat Dairy

- Low-fat and fat-free dairy products are made from $1 \%$ or skim milk. They are a healthier choice for children and adults over the age of two because they are lower in saturated fat and calories, but contain the same amount of protein, vitamins and minerals.
- Dairy foods like milk, yogurt, and cheese are great sources of calcium and vitamin D. Calcium and vitamin D helps keep bones and teeth strong and healthy.


## Whole Grains

- Any food made from wheat, rice, oats, cornmeal, barley or another cereal grain is a grain product. Examples are bread, pasta, oatmeal, breakfast cereals, tortillas, and grits.
- Grains are divided into two subgroups, whole grains and refined grains. Whole grains contain the entire grain kernel-the bran, germ, and endosperm. Refined grains only contain the endosperm.
- Eating grains, especially whole grains, provides health benefits. People who eat whole grains as part of a healthy diet have a reduced risk of some chronic diseases.
- To eat more whole grains, substitute a whole-grain product for a refined product-such as eating whole-wheat bread instead of white bread or brown rice instead of white rice. It's important to substitute the whole-grain product for the refined one, rather than adding the whole-grain product.
- Choose foods that name one of the following whole-grain ingredients first on the label's ingredient list: "brown rice", "bulgur", "graham flour", "oatmeal", "whole-grain corn", "whole oats", "whole rye", "whole wheat" or "wild rice."
- A food's color is not an indication of a whole grain. Bread can be brown because of molasses or other added ingredients.
- Read the ingredient list to see if it is a whole grain. Teach older children to read the ingredient list on cereals or snack food packages and choose those with whole grains at the top of the list.


## Lean Proteins

- Protein is important for healthy growth in children. It is an important building block of bones and muscles and helps keep the immune system working properly.
- Lean protein can be found in eggs, fish, poultry and meat, beans as well as other food groups like dairy, vegetables and grains.
- There are many sources of lean protein: fish, seafood, chicken, turkey, eggs, nuts and seeds, legumes (dried beans and peas), lean beef, pork, lamb, and low-fat dairy foods (cheese, cottage cheese, yogurt and milk).
- The leanest beef cuts include round steaks and roasts (round eye, top round, bottom round, round tip), top loin, top sirloin, and chuck shoulder and arm roasts. The leanest pork choices include pork loin, tenderloin, center loin, and ham.
- Choose extra lean ground beef. The label should say at least " $90 \%$ lean." You may be able to find ground beef that is $93 \%$ or $95 \%$ lean. Buy the leanest you can find. Buy skinless chicken parts, or take off the skin before cooking.


## Tasting New Foods Introduction

## Goal

To teach children that even their favorite foods were once new to them. To provide children with skills to respond to new foods.

Note: Use this 30-minute lesson to help students start practicing their skills of trying new foods in the classroom. The Fun Food Experience is optional, but highly recommended.

## Key Points

- All food was once new to you.
- Eating a variety of foods is an important part of being healthy.
- As we try more foods we begin to like more foods.
- It is important to be polite about accepting and refusing foods.



## Objectives



Students will be able to:

- demonstrate how to politely accept and refuse new foods
- name a new food that they'd like to try


## Supplies



- How do Dinosaurs Eat Their Food? by Jane Yolen and Mark Teague*
- Recommended Fun Food Experience supplies (page 10)
- Copies of Food Mood Family Page for each student


## Preparation

1. Review the book How do Dinosaurs Eat Their Food? by Jane Yolen and Mark Teague.
2. Recommended Fun Food Experience preparation (page 10)

## Introduction

- Let the students know that they will be learning about manners and trying new foods today. Make a KWL (what you already Know, what you Want to learn, what you Learned) chart with the students by asking them what they know and what they want to know about manners and trying new foods.
- Tell the students that today they will be learning about and practicing manners by reading a story and trying new foods.
- Ask the students what new foods they have tried at home or school and what new foods they want to try.


## Steps

1. Ask the students to name their favorite food. Explain to the students that even their favorite food was new to them at one time. Ask the students what they think manners are and ask them to give you examples of good table manners.
2. Read How Do Dinosaurs Eat Their Food? by Jane Yolen and Mark Teague. Review the table manners that were discussed in the story. Review additional table manners such as saying "No, thank you," when they do not wish to try a food.
3. Discuss the following:

- Encourage students to use their senses to touch, smell, see, hear and taste the foods before eating them.
- If they don't want to try a food they don't have to, but they should use their manners and say, "No, thank you." If they do try a food and don't like it, they should remove the food from their mouth and put it into their napkin without making bad comments or gestures.
- Everyone has different favorite foods, so not everyone will like all of the new foods tried in class. It is okay if they love the foods and it is okay if they don't like them, even if their neighbor feels differently.
- They should always try new foods because they will never know what food might be their next favorite.

4. Recommended Food Tasting: Provide a Fun Food Experience. See page 10 for ideas.
5. Emphasize that eating a variety of foods helps keep them healthy. Ask the students what they have learned about manners and trying new foods. Complete the KWL chart.
6. Have students take home a Food Mood Family Page.
7. Review the Food Mood Snack Time Card during snack time.

## Check for Understanding

- Name two table manners. (saying "No, thank you", "Please")
- Ask the students what new foods they might also try at home this week.


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## Academic Integration



## English Language and Arts

- Have the students describe how each food looks and tastes. Draw or write the words up on the board. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)
- Have the students make an All About Book describing table manners. ( $\mathrm{K}-1^{\text {st }}$ grade)
- Read with the students Green Eggs and Ham by Dr. Seuss or Please Say Please by Margery Cuyler. Write vocabulary words on the board. (Pre-K $-1^{\text {st }}$ grade)


## Math

- Make a graph of how many students liked each food best. (Pre-K $-1^{\text {st }}$ grade)


## Extension Lessons

- Have the students make chef's hats or paper aprons. Decorate with pictures of healthy food that they'd like to try. Have them wear the hats or aprons for the Eat Well Play Hard lessons.
- Have students draw or make a collage of their favorite foods.
- Integrate a K-3 Move-To-Improve fitness break, such as True or False. Use different fruit and/or vegetable descriptions for True or False ideas. Use "Please" and "No Thank You" for fruits and vegetables they currently like to eat.


## Resources

- Please Say Please by Margery Cuyler (Scholastic, 2004)
- Berenstain Bears Forget Their Manners by Stan and Jan Berenstain (Random House for Young Readers, 1985)
- We Like to Eat Well by Elyse April (Hohm Press, 2007)
- Green Eggs and Ham by Dr. Seuss (Random House for Young Readers, 1960)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm)


## Family Pages

# 10 Tips For Offering New Foods 

1. Let your child help plan and prepare family meals.
2. Plan meals that contain foods your child likes along with a new food.
3. Offer a new food when your child is rested and in a good mood.
4. Make mealtime fun and relaxed.
5. Set a good example by eating all foods yourself.
6. Let your child serve their own plate.
7. Let your child decide whether or not to taste a new food.
8. Be patient. You may need to offer a new food ten times before your child decides to try it.
9. Serve foods in new ways so your child will want to try them.
10. Children do best when they feel in control of their eating.

Today at school your child was offered some new foods to taste. Offer your child healthy foods for meals and snacks. Have your child come to the table, but then let your child decide which and how much food to eat. Children are more willing to try a new food when they help make it and see others enjoying it. You may wish to try the recipe below for a healthy new main dish.

## Lentil Spaghetti Sauce

Yield: 6 cups Serves: 8 adults

## Ingredients:

2 cups water
1 cup uncooked lentils
1 cup chopped medium onion
128 -ounce can of crushed tomatoes


18 -ounce can of tomato sauce
1 clove garlic, minced
$1 / 2$ teaspoon oregano, optional
$141 / 2$-ounce can mushrooms, optional.

## Steps:

1. Rinse the lentils in water. Drain in a strainer over a bowl, and pick out any stones.
2. In a saucepot add onions and rinsed lentils to water.
3. Bring to a boil; reduce heat to low and simmer.
4. Cook until tender, about 30-45 minutes (the water will be almost gone). Stir.
5. Add remaining ingredients and simmer for 20-30 minutes.
6. Serve over cooked spaghetti.
7. Enjoy.

Have your child help you do the bold steps.

| I Tried It! |  |
| :--- | :--- |
| My New Food | Tasting Stars |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| 8. |  |
| 9. |  |
| 10. |  |

Directions: Post this "I Tried It" chart on the refrigerator. Write the name of each new food your child tries in the first column of the chart. Help your child put a star sticker (or draw a star) in the second column each time he or she tries that food.

## Adapted from Nibbles for Health.

The Supplemental Nutrition Assistance Program (SNAP) provides nutrition assistance to people with low income. It can help you buy nutritious foods for a better diet. To find out more, contact 1-800-342-3009. This material was funded by USDA's SNAP. FNS/USDA reserves a royalty-free nonexclusive license to reproduce, publish, use or authorize others to use all videos or literature including copyrighted items resulting from this project. In accordance with Federal law and USDA policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, religion, political beliefs or disability. To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. $20250-9410$ or call (800) 795-3272 (voice) or (202) 720-6382 (TTY). USDA is an equal opportunity provider and employer.

## PÁGINAS PARA LOS PADRES

## Abrir el Apetito

## 10 consejos para introducir alimentos nuevos

1. Incluya a su hijo en la planificación y preparación de las comidas.
2. Planifique comidas que contengan alimentos que le gustan a su hijo junto con el nuevo alimento.
3. Preséntele a su hijo alimentos nuevos cuando éste haya descansado y esté de buen humor.
4. Haga que la hora de la comida sea divertida y relajada.
5. Dé buen ejemplo comiendo de todo.
6. Permita que su hijo se sirva su plato solo.
7. Deje que su hijo decida si quiere o no probar el nuevo alimento.
8. Tenga paciencia. Es posible que tenga que ofrecer un nuevo alimento diez veces antes de que su hijo decida probarlo.
9. Sirva los alimentos en modos novedosos para que su hijo quiera probarlos.
10. Los niños están más dispuestos a probar un alimento nuevo cuando sienten que ellos mismos controlan lo que comen.

## Hoy en la escuela su hijo tuvo la oportunidad de probar

 nuevos alimentos. Ofrézcale a su hijo alimentos saludables en las comidas y los bocadillos. Llame a su hijo a la mesa pero deje que sea éste quien escoja lo que va a comer y qué cantidad. Los niños están más dispuestos a probar un alimento nuevo si ellos ayudaron a prepararlo y si ven que otras personas disfrutan comiéndolo. Usted puede probar la receta que sigue como nuevo plato principal.
## Salsa de lentejas y espagueti

Rendimiento: 6 tazas
Porciones: 8

## Ingredientes

2 tazas de agua
1 taza de lentejas crudas
1 cebolla mediana picada
1 lata de puré de tomates de 28 onzas
1 lata de salsa de tomates de 8 onzas


1 diente de ajo, machacado
$1 / 2$ cucharadita de orégano, opcional
1 lata de hongos de $41 / 2$ onzas, opcional.

## Pasos

1. Lave las lentejas en agua. Escúrralas en un colador sobre un tazón y quite las piedrecillas.
2. En una cacerola, añada las cebollas y las lentejas escurridas al agua.
3. Deje que hierva; baje el fuego al mínimo y cocine a fuego lento.
4. Cocine hasta que estén tiernas; alrededor de 30 a 45 minutos (el agua se habrá absorbido casi por completo). Revuelva.
5. Añada el resto de los ingredientes y cocine a fuego lento durante 20 a 30 minutos.
6. Sirva sobre espaguetis cocidos.
7. ¡Buen provecho!

Haga participar a su hijo en la preparación de los pasos que aparecen en letra negrita.

Adaptado de Just Say Yes to Fruits and Vegetables Cookbook y reimpreso con autorización.

Mi nuevo alimento
Gana estrellas por

## 1.

## 2.

## 3.

4. 

## 5.

6. 

## 7.

8. 

## 9.

## 10.

Instrucciones: Pegue esta tabla de "Lo Probé" en la puerta del refrigerador. Escriba en la primera columna de la tabla los nombres de cada alimento nuevo que pruebe su hijo. Ayude a su hijo a poner una estrella adhesiva (o dibuje una estrella) en la segunda columna cada vez que pruebe ese alimento.
Adaptado de Nibbles for Health.
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## Flavorful Fruit

## Goal

To increase knowledge and awareness of the importance of eating more fruits, especially colorful ones, every day.

## Key Points

- Fruit provides pep and energy for work and play and helps children grow a healthy body.
- Fruit comes in many colors, shapes and sizes.
- Eating a variety of colorful fruit is healthy.
- Fruit tastes good.
- Plants grow from seeds.
- Plants have 6 parts: roots, stems, flowers, leaves, fruits and seeds.
- Fruits are always the fruit of the plant.
- Many fruits are grown in New York.


## Lessons (45 minutes)

Note: Lesson 4 contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided. Food tastings are optional, but highly recommended for all of the lessons.

1. Eating the Alphabet from A to Z
2. Where do Fruits Grow?
3. Building a Fruit Rainbow
4. Garden Mural and Food Fun*

# Lesson 1 Eating the Alphabet from A to $\mathbf{Z}$ 

## Objectives



Students will be able to:

- name three colorful fruits
- state why they should eat fruit every day
- name one new fruit they are willing to try


## Supplies



Toolkit

- Eating the Alphabet: Fruits and Vegetables from A to Z by Lois Ehlert
- Fruit Picture Cards
- Copies of Flavorful Fruit Family Page for each student

Additional Supplies

- Recommended Fun Food Experience supplies (page 36)


## Preparation

1. Review the book Eating the Alphabet: Fruits and Vegetables from $\boldsymbol{A}$ to $Z$ by Lois Ehlert.
2. Recommended Fun Food Experience preparation (page 36)

## Introduction

- Let the class know that they'll be learning about fruit.
- Show the Fruit Picture Cards. Ask the class to name each fruit and discuss some they may have tried.
- Begin a KWL (what you already Know, what you Want to learn, what you Learned) chart with the students by asking them what they know and what they want to know about fruit. Note: Please complete the Learned portion of the KWL chart at the end of the module, after Lesson 4.
- Tell the students they're going to learn the names and colors of a variety of fruit (and vegetables). They will also learn the first letter in the name of each fruit (and vegetable).


## Steps

1. Read Eating the Alphabet: Fruits and Vegetables from A to $Z$ by Lois Ehlert to the class.
2. Point out the name, color and first letter of the fruit (and vegetables) in the book. Explain that eating many colorful fruits each day is healthy.
3. Explain that fruit provides pep and energy for work and play, helps us grow a healthy body and tastes good. Talk about the size and shape of each fruit.
4. Ask the class to name a fruit mentioned in the book that they've eaten. Ask them to describe what the fruit tasted like (sweet, sour, tangy) and which fruit would they like to try in the future.
5. Recommended Food Tasting: Provide a Fun Food Experience. See Flavorful Fruit Module, Lesson 4, page 36.
6. Have students take home a Flavorful Fruit Family Page.
7. Review the Flavorful Fruit Snack Time Card during snack time.

## Check for Understanding

- Name three colorful fruits.
- Name one reason we eat fruit every day (tastes good, gives us pep and energy to work and play).
- Name one fruit described today that you want to try.


## Academic Integration



## English Language and Arts

- Have the class name a fruit that starts with the same letter as their first name, the name of their school or the color of their shirt.
(Pre-K-1 ${ }^{\text {st }}$ grade)
- Make a class ABC Fruit Book. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)
- Have the students spell the names of the fruits from the book. ( ${ }^{\text {st }}$ grade)


## Math

- Graph the favorite fruits discussed in the book. (Pre-K-1 ${ }^{\text {st }}$ grade)



## Science

- Have students mix primary colors to create still-life paintings of the different fruit they have observed. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Choose a fruit and ask the class to name an animal that starts with the same letter (for example: banana and bear) and perform the movement of the animal. Explain that eating fruit gives them energy to learn, play and move.
- Read Blueberries for Sal by Robert McCloskey. Discuss the difference between fresh, frozen and canned fruit. Explain that they all make a valuable contribution to the diet and they are all delicious!
- Plant fruit seeds (such as watermelon) in class. Keep a plant journal for class discussion.
- Make apple print pictures or use other fruit to make art prints.
- Go on a field trip to your local Green Cart. Have students bring a Fruit Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of fruits at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Breakfast 2.


## Resources

- Fruits by Robin Nelson (Lerner Publications Company, 2003)
- All Our Fruits and Vegetables by Roberta L. Duyff and Patricia C. McKissack (Many Hands Media, 1995)
- Apples by Gail Gibbons (Holiday House, 2000)
- I Am an Apple by Jean Marzollo (Scholastic, 1997)
- Eat Well Play Hard in Child Care Settings Curriculum Child and Adult Care Food Program, New York State Health Department http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Lesson 2 Where do Fruits Grow?

## Objectives



Students will be able to:

- Name three different ways that fruit grows.
- State why they should eat fruit every day.
- Understand that fruits always come from the fruit of the plant.


## Supplies

Toolkit

- Farm Picture
- Types of Plant Picture Cards (vine, shrub, tree)
- Fruit Picture Cards
- Magnifying glass (for each child)


## Additional Supplies

- Optional Seed Exploration Activity: Fruits for seed exploration such as strawberries, melons, apples, bananas or peaches; paper plates; and sharp knife for teacher
- Recommended Fun Food Experience supplies (page 36)


## Preparation

1. Review Fruit Picture Cards and Types of Plant Picture Cards.
2. Recommended Fun Food Experience supplies (page 36)

## Introduction

- Let the students know that they will be learning about where fruits grow.
- Tell the students that fruit provides pep and energy for work and play and helps them grow a healthy body. Fruits are sweet and delicious and come in a lot of colors! Ask them to name some of their favorite fruits.


## Steps

1. Ask the class if they know where fruits grow.

- Describe that fruits are grown from plants in a garden or on a farm.
- Show Farm Picture. Explain that plants start with a seed and need water (rain), sun and soil with nutrients to grow.
- Explain that some fruit plants grow well in New York while others need a warmer climate such as California.

2. Explain that all fruit comes from different types of plants.

- Hold up Types of Plants Picture Cards and discuss that some fruit grows on trees (apples, pears, peaches), some on bushes (blueberries, raspberries) and some on vines (grapes, melons, strawberries).
- Discuss where fruits grow using the chart below.


## Where Fruits Grow

On Bushes<br>Blueberries<br>Raspberries Blackberries

| On Trees | On Vines |
| :---: | :---: |
| Apples | Grapes |
| Pears | Melons |
| Limes | Strawberries |
| Lemons |  |
| Mangos |  |
| Bananas |  |
| Peaches |  |
| Cherries |  |
| Plums |  |

3. Show Fruit Picture Cards. Point out where the fruit in each picture grows (above ground, below ground, bush, tree, vine). Explain that all plants have different parts to help them grow. The fruit of the plant protects the seeds. The fruit we eat is always the fruit of the plant.
4. Give each student a magnifying glass. Pass around Fruit Picture Cards that depict seeds
for each of the students to examine.

- Optional Seed Exploration Activity: Use cut open real fruit to show the seeds. Place a portion of opened fruit with seeds on a plate and pass around for each of the students to touch and examine with the magnifying glass.

5. Recommended Fruit Tasting: Provide a Fun Food Experience. See Flavorful Fruit Module, Lesson 4, page 36.
6. Review the Flavorful Fruit Snack Time Card during snack time.

## Check for Understanding

- State why you should eat colorful fruit every day (provides pep and energy for work and play, helps them grow healthy, tastes good).
- Name three ways that fruit grows (on a tree, bush, or vine).
- Name on which part of the plant fruit grows (fruit).



## Academic Integration

## English Language and Arts

- Have class work in groups to make informational posters about fruits (such as the life cycle of a fruit or diagram of a fruit plant). Display the posters for future reference. (Pre-K-1st grade)
- Ask the class to describe a few fruits. Write on the board a list of all the adjectives used to describe fruits. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Make a class All About Fruit Book in which each child draws a picture and contributes a fact about fruit (Pre-K-K) or ask the students to make an individual All About Fruit Book on their favorite fruit. ( $1^{\text {st }}$ grade)
- Ask students to make a sentence using different fruits. (1 $1^{\text {st }}$ grade)



## Math

- Count and graph the fruits that grow on trees, bushes and vines. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Discuss that sometimes we eat the seeds and sometimes we don't eat the seeds in fruits. Ask students to name fruits that have seeds we eat (kiwis, strawberries, bananas, blueberries) and fruits that have seeds we don't eat (watermelons, apples, peaches, plums). Make a chart describing fruits that have seeds we eat and fruits that have seeds we don't eat. (Pre-K $-1^{\text {st }}$ grade)
- Count the number of seeds found in each fruit. (Pre-K $-1^{\text {st }}$ grade)
- Have students sort fruits into different categories by color, size, taste and texture. Ask students to explain the attributes in each category. (Pre-K $-1^{\text {st }}$ grade)


## Science

- Plant the seeds from the observed fruit and keep a class or individual journal of the life cycle. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Have the students draw a diagram of a plant and label the plant parts. (Pre-K $-1^{\text {st }}$ grade)


## Social Studies

- Show the students where New York and California are located on a U.S. map. Place pictures of fruits from each state on the map. Discuss the different climates. Add states such as Florida and Maine. Use the information below to help you. ( $1^{\text {st }}$ grade)


## Fruits that Grow in New York

Apples
Blackberries Blueberries Cantaloupes

Cherries
Grapes
Peaches
Pears
Plums
Raspberries
Strawberries
Watermelons

## Fruits that Grow Outside of New York

## California and Florida

Oranges
Lemons Limes
Tangerines
Grapefruits
Hawaii
Pineapples
Bananas
Mangoes
Papayas

## Extension Lessons

- Use play dough to make fruit models.
- Take a class trip to a farmers' market or pick your own fruit farm.
- Go on a field trip to your local Green Cart. Have students bring a Fruit Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of fruits at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Exhale and Explore. Discuss the various geography where different fruits grow best.


## Resources

- Fruits by Robin Nelson (Lerner Publications Company, 2003)
- All Our Fruits and Vegetables by Roberta L. Duyff and Patricia C. McKissack (Many Hands Media, 1995)
- Apples by Gail Gibbons (Holiday House, 2000)
- I Am an Apple by Jean Marzollo (Scholastic, 1997)
- Up, Down, and Around by Katherine Ayres (Candlewick Press, 2008)
- Plants on My Plate by National Geographic (Rigby Educational Publishers, 2003)
- Eat Well Play Hard in Child Care Settings Curriculum Child and Adult Care Food Program, New York State Health Department http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Lesson 3 Building a Fruit Rainbow

## Objectives



Students will be able to:

- name three colorful fruits
- state why they should eat colorful fruits every day
- name one new fruit they are willing to try


## Supplies

 toToolkit

- Picture of a Rainbow
- Fruit Picture Cards


## Additional Supplies

- Optional Rainbow Activity: Fruit Cut Outs (page 32), Rainbow Outline (page 33), markers or crayons, scissors and glue
- Recommended Fun Food Experience supplies (page 36)


## Preparation

1. Draw an outline of a rainbow with black markers on chart paper.
2. Optional Rainbow Activity: Photocopy Fruit Cut Outs and Rainbow Outline for each student to have a copy.
3. Recommended Fun Food Experience preparation (page 36).

## Introduction

- Tell the class they'll be discussing all of the colors of fruits and building a fruit rainbow as a class. Ask the students to name some different fruits that they enjoy.


## Steps

1. Explain to the class that fruits come in many different colors and that it's important to eat a variety of colors to grow a healthy body.
2. Show the students your outline of a rainbow on the chart paper.

- Ask them to describe a rainbow: the shape of a rainbow, the colors and when we see a rainbow.
- Explain that we can see rainbows in the sky after it rains and the sun comes out. Show a Picture of a Rainbow if students need help.
- Mark the colors of the rainbow on your outline.

3. Provide a Fruit Picture Card and ask the students to match the fruits to each color on your rainbow. Build the rainbow together, talking about the different colors of the fruits. Remind students that it is important to try to eat different colors of fruits each day.
4. Optional Rainbow Activity: Provide each student with Fruit Cut Outs (page 32), a Rainbow Outline (page 33), markers or crayons, scissors and glue. Ask students to color the fruits, cut them out and glue them on to the rainbow
5. Recommended Fruit Tasting: Provide a Fun Food Experience. See Flavorful Fruit Module, Lesson 4, page 36.
6. Review the Flavorful Fruit Snack Time Card during snack time.

## Check for Understanding

- Name a different fruit for each color of the rainbow (red/strawberries, orange/oranges, yellow/bananas, green/apples, blue/blueberries/ purple/grapes).
- State why you should eat colorful fruit every day (provides pep and energy for work and play, helps students grow a healthy body, tastes good).
- Name a fruit described today that you want to try.


## Academic Integration



## English Language and Arts

- Make a class Fruit Book or poster about colors. Allow students to draw or cut and glue pictures of a fruit and match it to the word. (Pre-K and K)
- Make a class ABC Book about fruit. (Pre-K and K)
- Spell the colors of the different fruits. ( $1^{\text {st }}$ grade)


## Math

- Count the colors that the students can name in the rainbow. (Pre-K-K)
- Have the students name fruits that are the same shape as a sun and rainbow. (Pre-K-K)
- Graph how many students liked each fruit best or graph by different attributes. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Use a Venn diagram to compare and contrast various fruits by attributes. ( $1^{\text {st }}$ grade)


## Science

- Ask the students to use their five senses to explore and describe the fruits. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Art

- Make a giant mural of fruits (by having students cut pictures out of magazines or paint them) in a rainbow. Decorate the school lunchroom with the mural. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Have the students count the different colors of fruit they have at home.
- Go on a field trip to your local Green Cart. Have students bring a Fruit Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of fruits at the Green Cart. For more information, visit nyc.gov/greencarts.
- Set up a fruit cart as part of the Pretend Play center.
- Integrate a K-3 Move-To-Improve fitness break, such as Spot Sharing. Extend the activity by having the students share different fruits that are the same color as their spot.


## Resources

- Growing Colors by Bruce McMillan (HarperCollins Publishers, 1994)
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm
(2i)


# Lesson 4 Garden Mural and Food Fun 

## Objectives



Students will be able to:

- name three ways that fruit grows
- state why they should eat colorful fruits every day
- name one fruit they'd like to try
- cut a variety of fruit
- make a fruit snack, with support from caregivers, at home


## Supplies



## Toolkit

- Fruit Picture Cards
- Types of Plant picture Cards (vine, shrub, tree)


## Additional Supplies

- Long roll of paper or large chart paper
- Paper for drawing
- Markers or crayons
- Glue and tape
- Child scissors
- Supplies for Fun Food Experience (page 36)


## Preparation

1. Prepare the background for your indoor garden mural. Use example on page 40 for help.

- Draw two lines across the length of the paper, one to represent the top of the "underground" part of your garden and one to represent the horizon.
- Add a few trees and shrubs. Color various parts of the mural (brown for underground and blue for sky).
- Have students help with as much or as little of this project, depending upon the age level of your classroom.

2. Preparation for Fun Food Experience (page 36).

## Introduction

- Let the students know that they'll be making a fruit garden mural.
- Remind the students that all fruit has seeds and all fruit is the fruit of a plant. Remind them that all fruit comes from different types of plants. Hold up Types of Plants Picture Cards and review that some fruit grows on trees, some on bushes and some on vines.


## Steps

1. Display the Fruit Picture Cards and ask from what type of plant the fruit grows.
2. Explain that eating colorful fruit every day provides pep and energy for work and play, helps them grow a healthy body, and tastes good.
3. Ask students to draw and cut out their favorite fruit or a fruit that they would like to try and place their picture on the type of plant their fruit comes from on the Garden Mural.
4. Tell students that the mural will stay up in the classroom and that next month they'll be discussing vegetables and add to the mural.
5. Provide a Fun Food Experience. See page 36.
6. Ask the students what they have learned about fruit. Complete the KWL chart.
7. Review the Flavorful Fruit Snack Time Card during snack time.

## Check for Understanding

- Name three different ways that fruit grows (tree, bush, vine).
- State why we should eat colorful fruits every day.
- Name one fruit that you would like to try at home with your family.


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## Academic Integration



## English Language and Arts

- Have students write their own fruit salad recipe with pictures (Pre-K-K) or with words. ( $1^{\text {st }}$ grade)
- Have students create a shopping list for their salad with pictures (Pre-K-K) or words. ( $1^{\text {st }}$ grade)
- Write the names of the fruits and adjectives. ( $1^{\text {st }}$ grade)


## Math

- Count the pieces while cutting the fruit. (Pre-K $-1^{\text {st }}$ grade)
- Discuss the shapes made when cutting different types of fruit. (K and $1^{\text {st }}$ grade can identify the 3 D shapes of the fruit.)


## Science

- Chart the different parts of fruits that are edible and non-edible. Have students come up with ideas for what to do with parts they can't eat, such as put in the garbage, compost or plant the seeds. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Conduct an apple tasting by having the students try 3 different kinds of apples. Discuss the names, colors and where the apples were grown. Graph how many students liked each apple best.
- Have the class make a multicultural fruit recipe at home to bring in to share with the class or have students just bring in a recipe to share with the class.
- Start a worm bin in your classroom. Discuss composting and compost leftovers (go to lesecologycenter.org for information on composting classes and to purchase worms and worm bins).
- Go on a field trip to your local Green Cart. Have students bring a Fruit Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of fruits at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Mealtime Movers.


## Resources

- DK Children's Cookbook by Katherine Ibbs, pp. 12-13, 82 (DK Publishing, 2004)
- Emeril's There's a Chef in My Soup! Recipes for the Kid in Everyone, by Emeril Lagasse, pp. 62-63 (HarperCollins, 2005)
- Emeril's, There's a Chef in My World! Recipes That Take You Places by Emeril Lagasse, pp. 40-41 (HarperCollins, 2006)
- Everything Cooking for Kids Cookbook by Ronni Litz Julien, MS, RD/LDN, pp. 42, 49, 59, 77, 130, 149, 150208 (Adams Media, 2010)
- Kids Cook 1-2-3, Rozanne Gold, Illustrated by Sara Pinto, pp. 78 (Bloomsbury USA Children Books, 2006)
- Mommy and Me Cookbook by Annabel Karmel, pp. 24, 42-45 (DK Children 2005)
- Someone's in the Kitchen with Mommy-100 Easy Recipes and Fun Craft for Parents and Kids by Elaine Magee, MPH, RD, pp. 2, 14, 46-47, 101 (McGraw-Hill, 1997)
- The Good Housekeeping Illustrated Children's Cookbook by Marianne Zanzarella, photographs by Tom Eckerle, pp. 38, 40, 41, 96-97, 99, 128 (Hearst, 2002)
- Real Food for Healthy Kids, by Tracey Seaman and Tanya Wenman Steel, pp.74, 228, 229, 267 (William Morrow Cookbooks, 2008)
- Williams-Sonoma The Kid's Cookbook: A great book for kids who love to cook by Abigail Dodge, pp. 25, 42, 54, 63, 106 (Williams-Sonoma Lifestyles, 2002)
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm



## Where Do Fruits and Vegetables Grow?

## On Trees:

On Bushes:
Fruits
Blueberries
Raspberries
Blackberries

Fruits
Apples Peaches
Pears Cherries
Limes Plums
Lemons Avocados
Mangoes
Bananas

On Vines:

Fruits
Grapes
Melons
Strawberries


Vegetables
Cucumbers
Tomatoes
Zucchini
Summer Squash
Pumpkins
Peppers
Eggplant
Beans

Underground:
On the Ground:
Vegetables

| Beet Greens | Collards | Asparagus |
| :--- | :--- | :--- |
| Lettuce | Cauliflower | Cabbage |
| Spinach | Broccoli | Carrot Tops |
| Swiss Chard | Kale |  |



## Family Pages

## 8 Ways <br> To Enjoy Fruit

1. Peel an orange, pull it apart and dip slices in low-fat vanilla yogurt.
2. Visit an apple farm, and pick some apples to bring home and enjoy.
3. Let your child cut soft fruits like berries, peaches and bananas with a butter knife to make fruit salad.
4. Cut bananas in slices, dip in orange juice, and roll in chopped nuts.
5. Let your child place bitesize pieces of soft fruit on a popsicle stick to make a fun snack.
6. Roll an orange, cut it in half, squeeze and drink the fresh juice.
7. Spread peanut butter on an apple slice.
8. Use this recipe to make homemade applesauce.

Today at school your child learned why it is important to eat colorful fruits each day. Fruit provides vitamins and fiber and is low in fat and salt. Fresh fruits are tasty fast foods. Choose fresh, frozen or canned fruit to get the best deal for your money. You should try to eat 2 cups and your child 1 to $11 / 2$ cups of fruit each day.

## Homemade Applesauce

Yield: 4 cups

## Ingredients:

5 medium apples (one and a half pounds)
1/2 teaspoon cinnamon
$1 / 2$ cup water
Serves: 8 adults
brown sugar (optional).

## Steps:

1. Wash the apples.
2. *Peel, core, and quarter the apples.
3. Cut the apples into small sections (children may do this using a butter knife).
4. In a medium pot, combine the apples, cinnamon and water.
5. Cover pot, and cook apples over medium heat until they come to a boil. Then simmer over low heat until the apples test tender when you stick them with a fork, about 20-30 minutes. Stir the apples a few times; adding more water if they cook dry.
6. Beat the tender cooked apples smooth with a spoon.
7. Serve applesauce warm or cold with a sprinkle of brown sugar if desired.
8. Enjoy!
*If you have a food mill, cook the apples without peeling them until tender and put them through the food mill.

Have your child help you do the bold steps.

Child and Adult Care Food Program New York State Department of Health

## I Enjoyed Fruit This Week!

 Colorful Fruits are Good for Me!

|  | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
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| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |

Directions: Help your child put a sticker (or draw a smiley face © ) in a box each time a fruit is eaten. Remind your child that it is good to eat different colored fruits each day.

The Supplemental Nutrition Assistance Program (SNAP) provides nutrition assistance to people with low income. It can help you buy nutritious foods for a better diet. To find out more, contact 1-800-342-3009. This material was funded by USDA's SNAP. FNS/USDA reserves a royalty-free nonexclusive license to reproduce, publish, use or authorize others to use all videos or literature including copyrighted items resulting from this project. In accordance with Federal law and USDA policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, religion, political beliefs or disability. To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. $20250-9410$ or call (800) 795-3272 (voice) or (202) 720-6382 (TTY). USDA is an equal opportunity provider and employer.

Child and Aduit Care Food Program
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## PÁGINAS PARA LOS PADRES

## Frutas Sabrosas

## 8 maneras de disfrutar de la fruta

1. Pele una naranja, sepárela en gajos y sumérjalos en yogur de vainilla de bajo contenido graso.
2. Vaya a un huerto y recoja algunas manzanas para comer y disfrutar en casa.
3. Deje que su hijo corte frutas blandas, como fresas, frambuesas, moras, duraznos y bananas, con un cuchillo de untar mantequilla, para preparar una ensalada de frutas.
4. Corte las bananas en rodajas, báñelas en jugo de naranja y rebócelas en nueces picadas.
5. Deje que su hijo coloque trozos de frutas blandas del tamaño de un bocado en un palillo de paleta para hacer un bocadillo divertido.
6. Presione una naranja haciéndola rodar, pártala por la mitad, exprímala y beba el jugo fresco.
7. Esparza mantequilla de maní en una rebanada de manzana.
8. Use esta receta para hacer puré de manzanas casero.

Hoy en la escuela su hijo aprendió por qué es importante comer cada día diversas frutas de distintos colores. Las frutas proporcionan vitaminas y fibras y tienen bajo contenido de grasa y sal. Las frutas frescas son ricas comidas rápidas. Escoja frutas frescas, congeladas o en lata para aprovechar al máximo su dinero. Usted debería comer $21 / 2$ tazas y su hijo $1 \frac{1}{2}$ de frutas cada día.

## Puré de manzanas casero

Rendimiento: 4 tazas
Porciones: 8

## Ingredientes

5 manzanas medianas (dos libras y media)
$1 / 2$ cucharadita de canela
1/2 taza de agua
azúcar moreno (opcional).


## Pasos

1. Lave las manzanas.
2. *Pele, quite el corazón y parta en cuartos las manzanas.
3. Corte las manzanas en pequeños trozos (los niños pueden hacerlo con un cuchillo de untar mantequilla).
4. En una olla mediana, mezcle las manzanas, la canela y el agua.
5. Tape la olla y cocine las manzanas a fuego medio hasta que rompa el hervor. A continuación, hierva a fuego lento hasta que las manzanas estén tiernas al pincharlas con un tenedor, entre 20 y 30 minutos. Revuelva las manzanas varias veces; añadiendo más agua si se secan.
6. Machaque con una cuchara las manzanas cocidas tiernas hasta hacer un puré.
7. Sirva el puré de manzanas frío o caliente con un poquito de azúcar por encima si se desea.
8. ¡Buen provecho!

## Haga participar a su hijo en la preparación de los pasos que

 aparecen en letra negrita.*Si tiene un procesador de alimentos, cocine las manzanas sin pelarlas hasta que estén tiernas y páselas por el procesador.

## Disfruté de las frutos esta semanal iLas frutas coloridas me hacen bien!



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Instrucciones: Ayude a su hijo a poner una pegatina (o a que dibuje una carita sonriente © ) en las casillas cada vez que consuma una fruta. Recuerde a su hijo que es bueno comer frutas de distintos colores todos los días.

El USDA es un proveedor y empleador que ofrece igualdad de oportunidades. Este material fue financiado por el Programa de estampillas para alimentos del USDA. El Programa de estampillas para alimentos provee asistencia en nutrición a personas de bajos ingresos. Puede ayudar a comprar alimentos nutritivos para tener una dieta mejor. Para informarse mejor, llame al 1-800-342-3009.

| $\quad$ Fruit Salad |
| :--- | :--- |
| Yield: 4 cups |
| Ingredients |
| 1 apple |
| 1 orange |
| 1 banana |
| $1 / 4$ pound seedless grapes |
| 1/2 20-ounce can pineapple chunks |
| 1/2 cup low-fat yogurt. |
| Steps |
| 1. Wash fresh fruits. |
| 2. Peel and slice bananas and place in serving bowl. A child can do this with a butter knife. |
| 3. Peel and chop oranges and place in serving bowl. |
| 4. Core and chop apples and place in serving bowl. |
| 5. Cut grapes in half and place in serving bowl. |
| 6. Drain pineapple in strainer (reserve juice), and place in serving bowl. Enjoy the extra pineapple chunks |
| later! |
| 7. Pour reserved pineapple juice on apples and bananas to prevent browning. |
| 8. Place yogurt in a serving bowl. |
| 9. Each person should then create a salad by selecting and spooning the fruits they desired to eat into a |
| 10. Top the fruit salad with yogurt as a salad dressing if desired. |
| 11. Enjoy! |
| Have your child help you do the bold steps. |

[^0]mejor. Para informarse mejor, llame al 1-800-342-3009.



## Vary Your Veggies

## Goal

To increase knowledge and awareness of the importance of eating more vegetables, especially colorful and locally grown vegetables, every day.

## Key Points

- Vegetables help children grow a healthy body.
- Vegetables come in many colors, shapes and sizes.
- Eating colorful vegetables is healthy.
- The vegetables we eat come from any part of the plant.
- Many vegetables are grown in New York.
- Farmers grow vegetables and transport them from the farm to the stores where they can be purchased.


## Lessons (45 minutes)

Note: Lesson 4 contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided. Food tastings are optional, but highly recommended for all of the lessons.

1. Vegetable Mystery Game*
2. Parts of the Plant*
3. Growing Vegetable Soup*
4. Garden Mural and Food Fun*

## Lesson 1 Vegetable Mystery Game

## Objectives



Students will be able to:

- Name three colorful vegetables
- State why they should eat colorful vegetables every day
- Name one vegetable they would like to try


## Supplies



## Toolkit

- Vegetable Picture Cards
- Farm Picture
- Brown Paper Bags
- Copies of Vary Your Veggies Family Page for each student


## Additional Supplies

- Chart paper
- Vegetable cut outs (page 53)
- Markers or crayons
- Tape
- Optional Real Vegetable Activity: four or five various whole vegetables, rinsed
- Recommended Fun Food Experience supplies (page 67)


## Preparation

1. Photocopy vegetable cut outs (page 53). Color photocopies or have students help.
2. Place Vegetable Picture Cards on chart paper or wall so all students can see them.
3. Cut out each vegetable cut outs and place all cut outs together into a separate brown paper bag.
4. Optional Real Vegetable Activity: If you use real vegetables, place one uncut vegetable into a separate brown paper bag.
5. Recommended Fun Food Experience preparation (page 67).

## Introduction

- Let students know that for the next month they'll be learning about vegetables. Display Vegetable Picture Cards.
- Begin a KWL (what you already Know, what you Want to learn, what you Learned) chart by asking students what they know and what they want to know about vegetables. Note: Please complete Learned portion of KWL chart at end of module, after Lesson 4.
- Ask students to name a few vegetables they've tried and discuss with the class. Explain that they'll be playing a fun game with vegetables, called Vegetable Mystery Game.


## Steps

1. Discuss Vegetable Picture Cards or real vegetables, if applicable. Ask students why we eat vegetables.

- Explain that vegetables come in many different colors and that eating colorful vegetables helps make our bodies grow strong. And they taste good too.

2. Ask students where vegetables grow.

- Explain that vegetables grow in a garden or on a farm. Show Farm Picture.
- Explain that plants start with a seed and need water (rain), sun and soil with nutrients to grow. Discuss that some plants grow well in New York, while others need a warmer climate like California.

3. Explain that there's a vegetable from the chart paper in the bag.

- Ask students to listen closely. Describe the vegetable using adjectives, such as color, shape and size (compare the size to a common object such as a football, marbles or baseball). Ask class to guess which vegetable you're describing. Remove the picture, so they can see if they were correct.
- Optional Real Vegetable Activity: Pick a student to touch the vegetable inside the bag without looking and describe it to the class.

4. Repeat until all the vegetables are correctly identified. Review ones that weren't discussed.
5. Recommended Vegetable Tasting: Provide a Fun Food Experience. See Vary Your Veggies Module, Lesson 4 (page 67).
6. Have students take home a Vary Your Veggies Family Page.
7. Review the Vary Your Veggies Snack Time Card during snack time.

## Check for Understanding

- Name three vegetables described today.
- State why we should eat vegetables every day (helps our bodies grow strong and tastes good).
- Name a vegetable described today that you'd like to try.



## Academic Integration



## English Language and Arts

- Have class create an All About Vegetable Book in which each child draws a picture and contributes a fact about vegetables (Pre-K-K) or have each student create a All About Vegetables Book about their favorite vegetable. ( $1^{\text {st }}$ grade)
- Write on board a list of adjectives to describe vegetables.
- Ask class to make a new sentence using different vegetables with the adjectives. (1st grade)
- Make a class ABC Book about vegetables. (Pre-K and K)
- Spell out the vegetables colors. (1 $1^{\text {st }}$ grade)


## Math

- Create a graph of vegetables with the name, color, shape and size of each vegetable discussed. Make a graph of how many students liked each vegetable best or by different attributes. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Ask class to name vegetables which are the same shape as a sun or as big as their fist. (Pre-K-K)
- Use a Venn diagram to compare and contrast vegetables. ( $1^{\text {st }}$ grade)


## Art

- Make a mural of vegetables in a rainbow. Have students cut out pictures or paint vegetables. Hang in the lunchroom. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Science

- Have class use 5 senses to explore and describe vegetables.
(Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Have class count different colors of vegetables at home.
- Go on a field trip to your local Green Cart. Have students bring a Vegetable Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of vegetables at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Spot Sharing. Have students say different vegetables that are the same color as their spot.


## Resources

- Growing Colors by Bruce McMillan (HarperCollins Publishers, 1994)
- All Our Fruits and Vegetables by Roberta L. Duyff and Patricia C. McKissack (Many Hands Media, 1995)
- The Vegetables We Eat by Gail Gibbons (Holiday House, 2007)
- Vegetables by Robin Nelson (Lerner Publications Company, 2003)
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/


## Lesson 2 Parts of the Plant

## Objectives



Students will be able to:

- name the parts of a plant and understand that the vegetables we eat come from any of these parts
- state why they should eat vegetables every day
- name one vegetable they'd like to try


## Supplies

Toolkit

- Vegetable Picture Cards (real vegetables are best to use whenever possible-see supplies for optional activity below)
- Farm Picture
- Whole Plant Diagram
- Parts of Plant Cards (root, stem, flower, leaf, fruit, seed)
- Magnifying glass for each child


## Additional Supplies

- Markers
- Chart paper
- Recommended Fun Food Experience supplies (page 67)
- Optional Seed Exploration Activity:
$\checkmark$ Vegetables for seed exploration, such as eggplant, cucumber, peppers, peas, green beans, squash
$\checkmark$ Paper plates
$\checkmark$ Sharp knife


## Preparation

1. Review Vegetable Picture Cards, Whole Plant Diagram, and Parts of the Plant Cards.
2. Recommended Fun Food Experience preparation (page 67).

## Introduction

- Explain to students that they're going to learn about where vegetables grow and the parts of the plant.
- Show class real vegetables or Vegetable Picture Cards. Ask class to name them.
- Ask class why we eat vegetables. Tell the students that eating vegetables helps to make their bodies grow strong. Ask them to name some favorite vegetables.


## Steps

1. Ask class if they know where vegetables grow.

- Explain that vegetables grow from plants in a garden or on a farm. Show Farm Picture. Review that plants start with a seed and need water (rain), sun, and soil with nutrients to grow.
- Review that some plants grow well in New York and some need a warmer climate such as California.

2. Display Diagram of a Plant picture to students. Explain that vegetables we eat can come from ANY part of the plant: root (e.g. carrot), stem (e.g. celery), leaf (e.g. spinach), seed (e.g. corn), flower (e.g. broccoli) and fruit (e.g. pepper).

- Note: Although some vegetables are the fruit of the plant, such as tomatoes, peppers, and cucumbers, they're classified as vegetables we eat due to nutrient composition. Foods classified as fruits, such as apples, plums, and strawberries, can ONLY come from the fruit part of a plant.
- Show students Parts of Plant Cards and review how vegetables grow on the plant using the following:
- $\underline{\text { Root }}$ - display carrot drawing and explain that it is a root. Roots take food and water from soil. Roots, like carrots, potatoes, turnips, beets, parsnips and radishes, grow underground.
- Stem - display celery drawing and explain that it is a stem. Stems carry food and water to all parts and are the main support for the plant. Stems, like celery and asparagus, grow above ground.
- Flower - display broccoli drawing and explain that it is a flower. Flowers produce the seed of the plant. Flowers, like broccoli and cauliflower, grow on top of stems.
- Leaf - display spinach drawing and explain that it is the leaf. Leaves (like spinach, lettuce, and kale) are flat and green.
- Fruit - display pepper drawing and explain that it is the fruit. Fruits help protect the seeds. Fruits of the plant, like peppers, cucumber, tomatoes, squash and eggplant, have seeds inside. See note above on classifying vegetables and fruit we eat.
- Seed - display corn drawing and explain that it is a seed. The seed is the starting point for all plants. Seeds, like corn, peas and beans, can get planted and grow another plant.

3. Give each student a magnifying glass. Pass around Vegetable Picture Cards that depict the inside of vegetables for each of the students to examine with the magnifying glass and find the seeds.

- Optional Seed Exploration Activity: Use real vegetables and cut them open to show the seeds. Place an open vegetable portion on a plate and pass around so student can touch and examine with the magnifying glass.

4. Recommended Vegetable Tasting: Provide a Fun Food Experience. See Vary Your Veggies Module, Lesson 4, page 67.
5. Review the Vary Your Veggies Snack Time Card during snack time.

## Check for Understanding

- Name a vegetable described today that you'd like to try.
- Name the parts of a plant from which a vegetable can come (root, stem, leaf, flower, fruit, seed).
- Describe why it's important to eat vegetables every day (helps our bodies grow strong).


## Academic Integration



## English Language and Arts

- Ask the class describe a few vegetables. Write on the board a list of all the adjectives and descriptive words for vegetables. (Pre-K $-1^{\text {st }}$ grade)
- Make a Class ABC Vegetable Book using different vegetables and plant parts. (Pre-K-K)
- Have class create a new sentence about vegetables using adjectives. ( $1^{\text {st }}$ grade)



## Math

- Count the seeds in each vegetable. (Pre-K $-1^{\text {st }}$ grade)
- Graph how many students liked each vegetable. (Pre-K $-1^{\text {st }}$ grade)
- Have students sort vegetables into different categories by color, size, taste and texture. Ask students to explain the attributes. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Have students sort and graph vegetables by plant parts. Create a graph showing how many vegetables come from each part. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Science

- Have class draw a diagram of a plant and label its parts. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Read Plants on My Plate (National Geographic Books). Have the class taste one of the plants discussed at snack time. (Pre-K $-1^{\text {st }}$ grade)
- Chart the plant parts we eat. Have students sort pictures based on what we eat and tape onto chart. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Make a giant picture of plant parts and have the class place Vegetable Picture Cards on the corresponding parts.
- Pick students to describe vegetables from a Vegetable Picture Card using adjectives and descriptive words. Have the class guess which vegetable they're describing.
- Have students draw a picture of a vegetable they'd like to try.
- Plant vegetable seeds (such as a green beans or peppers) in class. Keep a journal to discuss with the class.
- Go on a field trip to your local Green Cart. Have students bring a Vegetable Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of vegetables at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Exhale and Explore. Discuss the various geography where different vegetables grow best.


## Resources

- Plants on My Plate by National Geographic (Rigby Educational Publishers, 2003)
- All Our Fruits and Vegetables by Roberta L. Duyff and Patricia C. McKissack (Many Hands Media, 1995)
- The Vegetables We Eat by Gail Gibbons (Holiday House, 2007)
- Corn by Gail Gibbons (Holiday House, 2009)
- The Pumpkin Book by Gail Gibbons (Holiday House, 2000)
- Vegetables by Robin Nelson (Lerner Publications Company, 2003)
- Up, Down, and Around by Katherine Ayres (Candlewick Press, 2008)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Lesson 3 Growing Vegetable Soup

## Objectives



Students will be able to:

- explain that farmers grow vegetables
- state why they should eat vegetables every day
- describe where vegetables grow


## Supplies

Toolkit

- Growing Vegetable Soup by Louis Ehlert
- Farm Picture


## Additional Supplies

- Farm to Table pictures (page 63)
- Optional Farm to Table Vegetable Activity: Farm to Table Vegetable Map (page 64)
- Recommended Fun Food Experience supplies (page 67)


## Preparation

1. Read Growing Vegetable Soup by Louis Ehlert.
2. Optional Farm to Table Vegetable Activity: Make copies for each student of Farm to Table pictures and Farm to Table Map.
3. Recommended Fun Food Experience preparation (page 67)

## Introduction

- Explain to class that they'll be learning how vegetables grow and travel to their plate.


## Steps

1. Ask the students if they have ever been to a farm or visited a garden. Ask them what they might see in a garden or on a farm and what might grow there. Show the Farm Picture if they need help.
2. Read Growing Vegetable Soup by Lois Ehlert to class.
3. Talk about the steps in growing and harvesting vegetables. Remind the students that vegetables can be grown in many places such as a pot on a balcony, a garden behind your house, or a large farm. Ask the students to help you map how vegetables travels from the farm to our table. Use the Farm to Table pictures to help (page 63). Help them with words to describe each step or draw pictures.

- The Seed and the Farm: Discuss that vegetable plants grow on a farm or garden from a planted seed. Discuss some of the vegetables that are grown in New York (such as carrots, potatoes, asparagus, onions, kale, lettuce and turnips).
- Harvest: Discuss that the farmer picks the vegetables during harvest season.
- The Store: Discus that a truck delivers them to a store or farmer's market.
- We eat the vegetables: Discuss that after we purchase the vegetables from the store, we take them home and eat them to give us strong and healthy bodies.

4. Optional Farm to Table Vegetable Activity: Have each student glue pictures from the Farm to Table pictures (page 63) onto a Farm to Table Vegetable Map (page 64) of their own by matching the pictures to correct quadrant. Note: This activity can also be applied to fruit.
5. Remind class that eating colorful vegetables every day helps them to grow healthy and strong.
6. Recommended Vegetable Tasting: Provide a Fun Food Experience. See Vary Your Veggies Module, Lesson 4 (page 67)
7. Review the Vary Your Veggies Snack Time Card during snack time.

## Check for Understanding

- Describe where vegetables grow and who grows them (farm/garden, farmer/gardener).
- Describe how vegetables get from a farm to your plate (farmer plants the seeds, picks the vegetables, delivers to store or farmers' market, we purchase the vegetables to bring home and eat).
- Why should you eat vegetables every day (makes your body strong and tastes good)?


## Academic Integration



## English Language and Arts

- Make a class book sequencing how vegetables get from a farm to your plate. Have students to draw the steps (and write words if they can or you can dictate) in order, and create a class book (Pre-K-K) or have each student make their own book. ( $1^{\text {st }}$ grade)
- Make a New York Vegetables book. Discuss the types of vegetables that grow in New York. ( $1^{\text {st }}$ grade)


## Math

- Have students sort vegetables by color, shape, texture and taste and graph results. (Pre-K-K)
- Count the steps in getting vegetables from farm to plate. (Pre-K $-1^{\text {st }}$ grade)
- Have students use a Venn diagram to compare and contrast different vegetables by attributes. ( $1^{\text {st }}$ grade)


## Science

- Discuss, name and spell out plant parts, such as root, seed, stem, leaf, fruit and flower. (1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Have class use play dough to make "veggies" models.
- Take a class trip to a farmers' market or pick your own vegetable farm. Have students to bring a Vegetable Picture Card and look for it at the market.
- Grow green beans in a pot on a sunny window sill or outside.
- Put together a recipe for vegetable soup. Make it in the class.
- Go on a field trip to your local Green Cart. Have students bring a Vegetable Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of vegetables at the Green Cart. For more information, visit nyc.gov/greencarts.
- Copy different pictures of a farm, truck, store, and vegetables. Have students cut out pictures to paste in the Farm to Table Vegetable Map.
- Integrate a K-3 Move-To-Improve fitness break, such as Weather Watch. Discuss how the weather plays a major role in growing vegetables.


## Resources

- All Our Fruits and Vegetables by Roberta L. Duyff and Patricia C. McKissack (Many Hands Media)
- The Vegetables We Eat by Gail Gibbons (Holiday House)
- Corn by Gail Gibbons (Holiday House)
- The Pumpkin Book by Gail Gibbons (Holiday House)
- Up, Down, and Around by Katherine Ayres (Candlewick Press)
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphces_curriculum/index.htm


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# Lesson 4 Garden Mural and Fun Food 

## Objectives



Students will be able to:

- name three vegetables and from which plant part they come
- name one vegetable they'd like to try
- state why they should eat vegetables every day
- make a vegetable snack, with support from caregivers


## Supplies

## Toolkit

- Vegetable Picture Cards
- Parts of Plant Picture Cards (root, stem, leaf, flower, fruit, seed)


## Additional Supplies

- Garden mural from Flavorful Fruit Module or long roll of paper or large chart paper
- Paper for drawing
- Markers or crayons
- Glue and tape
- Child scissors
- Supplies for Fun Food Experience (page 67)


## Preparation

1. If you didn't save the garden mural, prepare the background for your indoor garden mural. See page 34 for instructions and page 40 for an example of where plants grow.
2. Preparation for Fun Food Experience (page 67).

## Introduction

- Explain to the class that they'll add to their garden mural or make a new one today in class.
- Remind them that all vegetables come from parts of a plant. Hold up Parts of Plants Picture Cards and review the six parts. Ask the class if they remember where vegetables grow. Explain that vegetables grow on a farm or in a garden.
- Ask the class what their favorite vegetables are and what new vegetables they've recently tried.


## Steps

1. Hold up the Vegetable Picture Cards and ask the class if they know from which plant part they come.
2. Explain that eating colorful vegetables every day will help them be healthy and strong.
3. Have class draw or cut out their favorite vegetable or one they'd like to try. Ask them to place their picture on the Garden Mural where the vegetable might grow (underground, on the ground or stem). Keep the mural up in the classroom or hang it in the cafeteria.
4. Provide a Fun Food experience. See page 67.
5. Ask the class what they've learned about vegetables. Complete the KWL chart.
6. Use the Vary Your Veggies Snack Time Card during snack time.

## Check for Understanding

- Name three vegetables and from which plant part they come.
- Name one vegetable you'd like to try.
- State why you eat vegetables every day.
- Raise your hand if you're excited to make vegetables at home.

| Fun Food Experience <br> See important information for cooking in the classroom on page 4. | Basic Vegetable Tasting | Chef Level One: Tossed Salad* | Chef Level Two: <br> Vegetable Kabobs |
| :---: | :---: | :---: | :---: |
| Supplies |  |  |  |
| Samples of vegetables. Choose vegetables that have been discussed throughout the module. Good choices are cucumbers, grape tomatoes, and baby carrots. Lettuce can be added for Tossed salad. Replace peppers for carrots for kabobs. Add low-fat salad dressing for Tossed Salad. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Cutting board, knife, and plastic gloves (for teacher), serving bowls and serving spoons or child-sized tongs | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Ingredients and supplies for Tossed Salad (page 75) |  | $\checkmark$ |  |
| Paper plates and napkins (one per student) | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Plastic knives (one per student) |  | $\checkmark$ | $\checkmark$ |
| Wooden coffee stirrers or chopsticks (one per student) |  |  | $\checkmark$ |
| Copies of the Tossed Salad recipe to send home to parents/ guardians, see page 75. |  | $\checkmark$ |  |
| Preparation |  |  |  |
| Write on chart paper or a board the steps you would like the students to take. Wash all vegetables. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Cut vegetables into bite-sized pieces and put into individual serving bowls with serving spoons or child-sized tongs. Suggested: leave soft vegetables (cucumbers, grape tomatoes, lettuce) for students to cut or tear on their own. Peel and quarter cucumbers so that each student has a smaller piece to cut. Leave some vegetables whole for students to see, touch, and smell. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Procedure |  |  |  |
| Explain to students that vegetables should always be washed before they are eaten. Have the students wash their hands with soap. Review tasting rules. Hand out (or have student helpers) plates, napkins, plastic knives, and forks if using. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Pass around whole vegetables for the students to smell, touch, and see. Discuss colors, shapes, and sizes. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Review all steps of the recipe. Demonstrate how to cut any vegetables that the students will be cutting. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Let students serve themselves samples of vegetables. Let them cut any vegetables they will be cutting. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Demonstrate making a vegetable kabob by placing pieces of vegetable on a wooden coffee stirrer or chopstick. Pass out stirrers or chopsticks. Ask the students to make their own vegetable kabob for a snack. |  |  | $\checkmark$ |
| Taste the vegetables all together. Discuss what the vegetables taste like. Let students toss salad and drizzle salad dressing on vegetables if making the Tossed Salad. | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Provide students with a coy of the Tossed Salad recipe to take home ( page 75). |  | $\checkmark$ |  |

## Academic Integration

## English Language and Arts

- Write veggie names on the board. Have class give adjectives for each. (Pre-K $-1^{\text {st }}$ grade)
- Have class create their own salad recipe, with vegetable pictures (Pre-K-K) or words ( $1^{\text {st }}$ grade).
- Have them create a shopping list for their recipe with pictures (Pre-K-K) or words (1 ${ }^{\text {st }}$ grade).
- Create a vegetable book. Have class draw a vegetable for each letter in their name. ( $\mathrm{K}-1^{\text {st }}$ grade)


## Math

- Have students count pieces they cut of each vegetable. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Discuss the shapes when cutting different vegetables. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Count vegetables in your recipe. (Pre-K $-1^{\text {st }}$ grade)
- Graph how many students liked each vegetable. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Social Studies

- Discuss exotic vegetables. Hold an exotic food tasting. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Have class try four kinds of peppers (orange, yellow, red and green). Discuss names, colors and where they grow. Graph how many students liked each type.
- Ask students to bring in vegetable recipe to share with the class.
- Discuss how to compost leftovers. Start a worm bin with the class. For more information, visit lesecologycenter.org.
- Go on a field trip to your local Green Cart. Have students bring a Vegetable Picture Card and look for it at the Green Cart. Use the Picture Cards to make a chart of vegetables at the Green Cart. For more information, visit nyc.gov/greencarts.
- Integrate a K-3 Move-To-Improve fitness break, such as Mealtime Movers.


## Resources

- Emeril's There's a Chef in My Soup! Recipes for the Kid in Everyone by Emeril Lagasee, pp. 172, 173 (HarperCollins, 2005)
- Emeril, There's a Chef in My World! Recipes That Take You Places by Emeril Lagasse, pp. 60-61, 63, 83, 109, 134, 145 (HarperCollins, 2006)
- Everything Cooking for Kids Cookbook by Ronni Litz Julien, MS RD/LDN, pp. 22-25, 27, 29, 32, 43, 58, 61, 76, 79, 134-136, 153, 159, 164-167, 173, 191 (Adams Media, 2010)
- DK Children's Cookbook by Katherine Ibbs, pp. 26, 42, 52, 54, 62 (DK Publishing, 2004)
- Kids Cook 1-2-3 by Rozanne Gold; Illustrated by Sara Pinto, pp. 66-67, 71, 75 (Bloomsbury USA Children Books, 2006)
- Mommy and Me Cookbook by Annabel Karmel, pp. 10, 12, 18, 20, 22 (DK Children 2005)
- Real Food for Healthy Kids by Tracey Seaman and Tanya Wenman Steel pp. 207, 209 (William Morrow Cookbooks, 2008)
- Someone's in the Kitchen with Mommy by Elaine Magee, MPH, RD, pp. 31, 34, 60 (McGraw-Hill, 1997)
- The Good Housekeeping Illustrated Children's Cookbook by Marianne Zanzarella, photographs by Tom Eckerle, pp. 56-57, 77, 102-103 (Hearst, 2002)
- Williams-Sonoma The Kid's Cookbook: A great book for kids who love to cook by Abigail Dodge, pp. 29, 38 (Williams-Sonoma Lifestyles, 2002)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm



## Family Pages

## Vary Your Veggies

## 8 Ways To Vary Your Veggies

1. Visit a greenhouse that grows vegetables inside.
2. Each time you try a new vegetable, have your child draw a picture of it.
3. Help your child fill out the I Varied My Veggies chart.
4. Make ants on a log: Stuff celery with peanut butter and dot with raisins.
5. Make lettuce leaf rollups: Spoon cottage cheese or tuna salad onto a lettuce leaf. Roll up and enjoy.
6. Cut fresh vegetables into small sticks, and ask your child to pick some sticks to eat.
7. Play a fun vegetable game. Put a vegetable in a paper bag. Have your child feel the shape and guess the vegetable.
8. Save money by buying fresh and locally grown vegetables. Buy only what you will use while it is still fresh. Buy these vegetables at a local farmers market.

Today at school your child learned why it is important to eat colorful vegetables each day. Vegetables provide vitamins and fiber, and they are low in fat and salt. Choose fresh, frozen or canned vegetables to get the best deal for your money. You should try to eat $21 / 2$ cups and your child $11 / 2$ cups of colorful vegetables each day.

## Quick and Tasty Veggie Soup

## Yield: 8 cups

## Ingredients:

7 cups low-sodium chicken broth
1 14-ounce can diced tomatoes
1 teaspoon dried basil
$1 / 2$ teaspoon onion powder
Serves: 8 adults

3/4 cup dry macaroni
3 cups frozen mixed vegetables
$1 / 2$ teaspoon salt
$1 / 8$ teaspoon pepper

## Steps:

1. Combine chicken broth, diced tomatoes, basil, onion powder, salt and pepper in a large pan.
2. Bring to a simmer, and add macaroni and frozen vegetables.
3. Cook for 8 minutes, and then remove from heat.
4. Let soup sit for 5 minutes, and then serve.
5. Enjoy!

Have your child help you do the bold steps.

This adapted recipe appears courtesy of Produce for Better Health Foundation and can befound at www.fruitsandveggiesmorematters.org.





## - Kep чつеә

Directions: Each time a vegetable is eaten, help your child color a box the color of the
vegetable eaten. Remind your child that it is good to eat different colored vegetables

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## PÁGINAS PARA LOS PADRES

## 8 maneras de variar las verduras

1. Visite un invernadero donde se planten verduras.
2. Cada vez que pruebe una verdura nueva, pida a su hijo que se la dibuje.
3. Ayude a su hijo a completar la tabla "He comido verduras variadas" que se incluye.
4. Haga hormigas en un tronco: Rellene el apio con mantequilla de maní y esparza uvas pasas.
5. Haga rollos de hojas de lechuga: Con una cuchara ponga requesón o ensalada de atún sobre una hoja de lechuga. Enróllela y saboréela.
6. Corte verduras frescas en palitos y pídale a su hijo que pruebe algunos.
7. Juegue al juego de las verduras misteriosas. Coloque una verdura dentro de una bolsa de papel. Haga que su hijo palpe la forma y adivine qué verdura es.
8. Ahorre dinero comprando verduras frescas cultivadas en su zona. Compre sólo la cantidad que vaya a utilizar para que no se estropee. Compre estas verduras en el mercado agrícola local.

Hoy en la escuela su hijo aprendió por qué es importante comer cada día diversas verduras de distintos colores. Las verduras proporcionan vitaminas y fibras, y tienen bajo contenido de grasas y sal. Escoja verduras frescas, congeladas o en lata para aprovechar al máximo su dinero. Usted debería comer $21 / 2$ tazas y su hijo $11 / 2$ de verduras de distintos colores cada día.

## Sopa de verduras rápida y sabrosa

Rendimiento: 8 tazas
Porciones: 8

## Ingredientes

7 tazas de caldo de pollo con bajo contenido de sodio
1 lata de 14 onzas de tomates cortados en cubitos
1 cucharadita de albahaca seca
$1 / 2$ cucharadita de cebolla en polvo
3/4 taza de macarrones secos
3 tazas de verduras mixtas congeladas
$1 / 2$ cucharadita de sal
1/8 cucharadita de pimienta.


## Pasos

1. Mezcle el caldo de pollo, los tomates cortados en cubitos, la albahaca, la cebolla en polvo, la sal y la pimienta en una cacerola grande.
2. Deje que se cocine a fuego lento y añada los macarrones y las verduras congeladas.
3. Cocine durante 8 minutos y retire del fuego.
4. Deje que la sopa repose durante 5 minutos y sírvala.
5. ¿Buen provecho!

Haga participar a su hijo en la preparación de los pasos que aparecen en letra negrita.

[^1]mejor. Para informarse mejor, llame al 1-800-342-3009.





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Child and Adult Care Food Program

| Tossed Salad |
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| Yield: 6 cups |
| Ingredients |
| $1 / 2$ pound romaine lettuce |
| 1 small carrot or 5 radishes |
| 1 stalk celery or 2 asparagus spears |
| 1 small tomato |
| $1 / 2$ cucumber |
| 2 ounces fresh broccoli or 2 ounces fresh cauliflower |
| 1/4 cup frozen corn or peas |
| 3/4 cup low-fat salad dressing. |
| Steps |
| 1. Wash vegetables thoroughly and drain. |
| 2. Tear lettuce into bite-size pieces and place in bowl. |
| 3. Add the peas or corn to the lettuce. |
| 4. Chop remaining vegetables into small pieces; add to the bowl and mix. |
| 5. Serve with low-fat salad dressing and enjoy! |
| Have your child help you do the bold steps. |

[^2]mejor. Para informarse mejor, llame al 1-800-342-3009. Programa de estampillas para alimentos provee asistencia en nutrición a personas de bajos ingresos. Puede ayudarle a comprar alimentos nutritivos para tener una dieta EI USDA es un proveedor y empleador que ofrece igualdad de oportunidades. Este material fue financiado por el Programa de estampillas para alimentos del USDA. EI


## Dairylicious

## Goal

To increase knowledge and awareness of milk and dairy products in relation to strong teeth and bones.

## Key Points

- Low-fat dairy products are the best choice for children over two years of age and adults.

Note: Low-fat dairy products are made from $1 \%$ or skim milk and are a healthier choice for children and adults over the age of two because they are lower in saturated fat and calories, but contain the same amount of protein, vitamins and minerals. The term 'lowfat' is used throughout the lessons. Please use your discretion as to whether or not this is appropriate to discuss with your students.

- Sources of low-fat dairy include milk, cottage cheese, cheese and yogurt.
- Dairy contains calcium and other nutrients, which help build strong bones and teeth.
- Low-fat milk and dairy products are great with meals and snacks.


## Lessons (45 minutes)

Note: Lesson 4 contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided. Food tastings are optional, but highly recommended for all of the lessons.

1. Delicious Dairy Foods
2. From Cow to Carton - All About Milk
3. The Bones Inside You
4. All About Dairy and Fun Food*

# Lesson 1 Delicious Dairy Foods 

## Objectives



Students will be able to:

- state that low-fat dairy foods contain the mineral calcium
- understand that eating and drinking low-fat dairy foods (foods made from milk) help make our bones and teeth strong and help us grow a healthy body
- name three foods made from low-fat milk


## Supplies

$\underline{\text { Toolkit }}$

- Low-Fat Dairy Picture Cards

Additional Supplies

- Paper
- Crayons
- Recommended Fun Food Experience supplies (page 94)


## Preparation

1. Review the Low-fat Dairy Picture Cards.
2. Recommended Fun Food Experience preparation (page 94).

## Introduction

- Explain that dairy foods are made from milk. Discuss that they probably drink milk at every meal.
- Create a KWL (what you already Know, what you Want to learn, what you Learned) chart for dairy foods. What do the students already know about dairy foods (milk and foods made from milk) and where they come from? What about dairy foods have they already discussed in class? What would they like to know about dairy foods? Note: Please complete the Learned portion of the KWL chart at the end of the module, after Lesson 4.


## Steps

1. Display each Low-Fat Dairy Picture Card, starting with milk. Discuss that all the other dairy foods are made from milk. Ask them to name the food as you hold up the card.

- Discuss the shapes, colors and names of each food.
- Ask the class to think about other foods and beverages that come from milk, such as yogurt, cottage cheese, smoothies and cheese. Explain that they're all made from milk.
- Explain that dairy foods contain a mineral called calcium. Low-fat dairy foods help make bones and teeth strong and help us to grow healthy and strong.
- Discuss which low-fat dairy foods they've tried. Talk about who buys milk and other dairy foods at home.

2. Give a piece of paper to each child. Have the class to draw a low-fat dairy food they've tried or would like to try. Discuss that dairy contains calcium and will help keep bones and teeth strong and help them grow healthy and strong.
3. Recommended Low-fat Dairy Tasting: Provide a Fun Food Experience. See Dairylicious Module, Lesson 4, page 94.
4. Have students take home a Dairylicious Family Page.
5. Review the Dairylicious Snack Time Card during snack time.

## Check for Understanding

- Which mineral is in dairy foods (calcium)?
- Why is low-fat dairy good for us (helps make bones and teeth strong, helps us grow healthy and strong)?
- Name three foods made from low-fat milk (yogurt, cheese, cottage cheese).


## Academic Integration



## English Language and Arts

- Write descriptive words on board for each Low-Fat Dairy Picture Cards. (Pre-K $-1^{\text {st }}$ grade)
- Sample low-fat cottage cheese and talk about how it's made. Go over words that describe how cottage cheese is made from milk.
(Pre-K $-1^{\text {st }}$ grade)


## Math

- Graph how many students like each low-fat dairy food. (Pre-K $-1^{\text {st }}$ grade)
- Have class name low-fat dairy foods they want to try in the future and graph the most popular answers. (Pre-K $-1^{\text {st }}$ grade)


## Science

- Taste three types of low-fat ( $1 \%$ or skim) dairy foods such as yogurt, mozzarella cheese, and cottage cheese. Describe and compare the taste, appearance, and texture of each food. (Pre-K $-1^{\text {st }}$ grade)
- Make yogurt cheese as a class. Yogurt cheese is made by draining the whey from yogurt. Line a colander with cheese cloth or coffee filters. Pour in some low-fat yogurt (plain or flavored with no thickeners or stabilizers). Set the colander over a bowl, cover and place in the refrigerator. Let it drain overnight. Two cups of yogurt will make one cup of yogurt cheese. Have children sample with whole-grain crackers or cut up fruits or vegetables. (Pre-K $-1^{\text {st }}$ grade)


## Extension Lessons

- Take or bring in pictures of low-fat dairy foods that students eat for breakfast, lunch, or snack. Create a collage and discuss the characteristics of each food.
- Have class bring milk jug caps or empty cartons and make a bar chart of the types of milk. Discuss why low-fat milk is the best choice to grow healthy and strong.
- Take a class trip to your local grocery store. Bring the Low-Fat Dairy Picture Cards and have the class find the different low-fat dairy foods. Buy some low-fat dairy and other healthy foods, (such as fruit, vegetables or whole-grain crackers) for snack time.
- Integrate a K-3 Move-To-Improve fitness break, such as Breakfast 4. Use healthy dairy options as the examples.


## Resources

- Milk From Cow to Carton by Aliki (Collins, 1992)
- What's for Lunch? Milk by Claire Llewellyn (Franklin Watts, 1998)
- Eat Well Play Hard in Child Care Settings Curriculum

Child and Adult Care Food Program, New York State Health Department http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm

## Lesson 2 From Cow to Carton

## Objectives



Students will be able to:

- state that milk comes from a cow
- name three low-fat dairy foods made from milk
- name two ways low-fat dairy helps us grow healthy


## Supplies

 boToolkit

- The Milk Makers by Gail Gibbons


## Additional Supplies

- Optional Milking a Cow Activity: Rubber glove
- Recommended Fun Food Experience supplies (page 94)


## Preparation

1. Review The Milk Makers by Gail Gibbons. See page 83 for a guide.
2. Recommended Fun Food Experience preparation (page 94).

## Introduction

- Explain to the class that they're going to learn where milk comes from by reading a special book. Ask them if they have ever wondered from where milk comes.


## Guide for reading The Milk Makers by Gail Gibbons

1. Read pages 1-2.
2. Key point for page 3:

- There are five common types of dairy cows. The Holstein is the most popular because it can produce more milk than any other type of cow.

3. Key point for page 4:

- The cow is able to make milk when she is two years old and has given birth to a calf. Her milk is the food for her baby. She makes more than her calf will ever need, so we use the extra milk.

4. Skip page 5 .
5. Read page 6 .
6. Key point for page 7 :

- During the cold months, a dairy cow is sheltered in a barn. She is fed hay and grains. The better the food is, the more milk she will make and the better her milk will be. (Just like the healthier your food is, the better you think, grow, and play!)

7. Key point for page 8:

- The food eaten by a dairy cow is tough and coarse, and it is hard to digest (can you imagine eating hay?). So, the cow has a special stomach. It has four parts!

8. Skip page 9
9. Key point for page 10 :

- Some of the digested food goes into the cow's bloodstream and ends up in her udder, where the milk is made. The udder has four nipples, or teats. Milk will come out of her teats.

10. Read page 11.
11. Key point for page 12 :

- The cow can be milked by hand. To do this, the farmer grasps a teat in each of his hands and squeezes it with thumb and forefinger. The milk squirts out into a pail.

12. Key point for page 13:

- The cow can be milked by a machine where it goes into a tank.

13. Skip pages 14-15.
14. Key point for page 16 :

- Now the milk is ready to take a trip.

15. Key point for page 17:

- The tank truck carries the milk to the dairy.

16. Skip pages 18-21.
17. Key point for page 22:

- At the dairy, the milk is packaged into paper cartons or plastic jugs.

18. Skip pages 23-24.
19. Read pages 25-27.

## Steps

1. Review why we drink low-fat milk. Note: Low-fat dairy products are made from $1 \%$ or skim milk and are a healthier choice for children over the age of two and adults because they are lower in saturated fat and calories.
2. Read The Milk Makers by Gail Gibbons. See page 83 for a guide.
3. Optional Milking a Cow Activity: Fill a rubber glove with water and tie it at the top. Let the students practice milking a cow.
4. Remind the students that dairy foods contain calcium. Low-fat dairy helps make our bones and teeth strong and helps us grow healthy and strong.
5. Sing the song Hi Ho the Dairy Oh (listed below) with the students to the chant of "A Farmer and the Dell." Encourage students to do movements with each verse.

## Hi Ho the Dairy Oh

The farmer in the dell, The farmer in the dell, Hi ho the dairy oh, The farmer in the dell. The cow is in the barn, The cow is in the barn, Hi ho the dairy oh, The cow is in the barn.

The cow makes milk and moos, The cow makes milk and moos, Hi ho the dairy oh, The cow makes milk and moos.

The farmer milks the cow, The farmer milks the cow, Hi ho the dairy oh, The farmer milks the cow [add the movement of milking a cow].
The children drink their milk, The children drinks their milk, Hi ho the dairy oh, The children drink their milk [add the movement of drinking a glass of milk]. The bones get big and strong, The bones get big and strong, Hi ho the dairy oh, The bones get big and strong [add the movement of flexing arm muscles].
The children grow and play, The children grow and play, Hi ho the dairy oh, The children grow and play [add the movement of growing from a ball to a tall person and then finish with some jumping].
6. Recommended Low-fat Dairy Tasting: Provide a Fun Food Experience. See Dairylicious Module, Lesson 4, page 94.
7. Review the Dairylicious Snack Time Card during snack time.

## Check for Understanding

- From which animal does milk come (cow)?
- Name two low-fat dairy foods made from milk (cheese, yogurt).
- Name two ways low-fat dairy foods helps us grow healthy and strong (build strong bones, build strong teeth).



## Academic Integration



## English Language and Arts

- Make a class book with pictures (Pre-K -K ) or with words about low-fat milk production from cow to market. ( $1^{\text {st }}$ grade)
- Have class name animals and other things (barn, chicken coop) found on a dairy farm. Write the words on the board and explain that these things are nouns. Ask class to describe each noun. Ask class to make a sentence using the words. ( $1^{\text {st }}$ grade)
- Using the skill of inference, discuss clues found in the book. What clues help us infer that the cow needs to be milked? What clues help us determine that the milk needs to be processed? (1st grade)


## Math

- Count the steps it takes to get milk from farm to the table. For older students, discuss additional steps to make milk low-fat. (Pre-K-1st grade)
- Count and measure the cups in a gallon of milk. (Pre-K-1st grade)


## Science

- Review how the fat is removed from the milk in the book. Have the class (or teacher) measure the amount of fat (using measuring spoons) for a cup of whole milk (2 teaspoons) and low-fat ( $1 \%$ ) milk ( $1 / 2$ teaspoon) on a paper plate using vegetable shortening or lard (both are solid at room temperature). Discuss that fats like these are unhealthy and should be eaten less. Note: 4 grams of fat $=1$ teaspoon of shortening.


## Extension Lessons

- Hold a puppet show with cow puppets about how milk is produced.
- Research where a dairy farm is located in New York. Look at a map of New York with the students and point out where the dairy farm is located. Create a class collage using pictures of animals, plants and buildings found on the farm (also you can contact the farmers and ask if they will send your class some pictures).
- Learn about cow stomach parts and more about milk production by reading the book Milk From Cow to Carton by Aliki.
- Take a class field trip to a local dairy farm.
- Complement this lesson with a fitness break from the K-3 Move-To-Improve program. Suggested lesson, Move Like Animals.


## Resources

- Milk From Cow to Carton by Aliki (Collins, 1992)
- No Milk by Jennifer A. Ericsson (HarperTrophy, 1998)
- What's for Lunch? Milk by Claire Llewellyn (Franklin Watts, 1998)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphces_curriculum/index.htm


## Lesson 3 <br> The Bones Inside You

## Objectives



Students will be able to:

- understand that low-fat dairy foods (low-fat milk and foods made with milk) have calcium, which keeps our teeth and bones strong
- describe where bones are found in our body
- name three foods made from low-fat milk


## Supplies

Toolkit

- Bones by Stephen Krensky
- Miniature skeleton model


## Additional Supplies

- Recommended Fun Food Experience supplies (page 94)


## Preparation

1. Review the book Bones by Stephen Krensky .
2. Recommended Fun Food Experience preparation (page 94).

## Introduction

- Explain to the class that they're going to learn about bones and how low-fat milk helps keep them strong.


## Steps

1. Read Bones by Stephen Krensky to the class.
2. Show the picture of the baby on page 10 of the book. Ask the class if they have grown since they were babies. Discuss that their bones grow too and need foods made from low-fat milk to be strong as they grow.
3. Explain how to find bones in their body by touching their arm, wrist, chin and shin bones.
4. Tell the class that calcium is a mineral found in low-fat milk that keep our bones and teeth strong. Have class show you their teeth.
5. Display the miniature skeleton model. Discuss some of the bones that can be found in the body, emphasizing those described in the book. Allow the class to have a hands-on exploration of the model. As a class, name the skeleton (such as Sammy the Skeleton) for future reference.
6. Ask them to think about the many foods and beverages they eat and drink that come from low-fat milk such as yogurt, cottage cheese, smoothies and cheese. Discuss that drinking and eating low-fat dairy helps keep their bones and teeth strong and helps them to grow healthy and strong.
7. Recommended Food Tasting: Provide a Fun Food Experience. See Dairylicious Module, Lesson 4, page 94.
8. Review the Dairylicious Snack Time Card during snack time.

## Check for Understanding

- What mineral is in dairy foods (calcium)?
- How does calcium help us (keeps our bones and teeth strong)?
- Point to a bone in your body.
- Name three foods made from low-fat milk (string cheese, yogurt, ice cream).


## Academic Integration



## English Language and Arts

- Have each child make a book on the theme of growth. Students can bring a baby photo to put on the cover. Have students draw pictures and describe ways they have grown since they were babies. Make the last page a photo of the child today. (Pre-K $-1^{\text {st }}$ grade)
- Describe how bones look and feel. Write words up on the board or on a chart. (Pre-K-1 ${ }^{\text {st }}$ grade)



## Math

- Count the number of bones in their leg using the skeleton model. (Pre-K-K)
- Count the number of bones in their arm using the skeleton model. (Pre-K-K)
- Graph the number of bones in a human leg, arm, hand, and foot to see which body part has the most and which body part has the least number of bones. (1 $1^{\text {st }}$ grade)


## Science

- Explain that calcium is a mineral found in the earth. Discuss other minerals found in the earth. Explain that minerals are in our food and are important for our body to grow and be healthy. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)
- Trace a student's body (or body part) on paper and have students cut paper to make bones. Have students glue the bones on the body to make a skeleton and label the parts. (Pre-K $-1^{\text {st }}$ grade)
- Cut out shapes of a body for each student and provide 5-6 cotton swabs (cut in half) to each student. Have each student glue the cotton swabs on the body shape to make a skeleton. (Pre-K $-1^{\text {st }}$ grade)
- Discuss why bones are important and why you cannot live without them. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Discuss why teeth are important and how to take care of teeth. (Pre-$\mathrm{K}-1^{\text {st }}$ grade)


## Extension Lessons

- Ask each child to bring in a baby photo. Display all photographs and ask students to try to guess who the baby is in each picture. Students can take turns identifying their own photos. Talk about how they have all changed in size and what they can do now that they could not do as babies.
- Provide each student with a black piece of construction paper and many shapes of dried pasta. Have students glue pasta shapes onto the paper to make a skeleton (use macaroni for ribs, bow-tie for pelvis, penne for legs and wheels for the skull).
- Integrate a K-3 Move-To-Improve fitness break, such as Muscle Hustle. Explain that healthy
 bodies have strong bones and muscles to help us move.


## Resources

- How Kids Grow by Jean Marzollo (Cartwhell Books Scholastic, 1998)
- I'm Growing by Aliki (Collins, 1993)
- The Skeleton Inside of You by Philip Balestrino (Collins, 1989)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/



## Lesson 4 All About Dairy and Fun Food

## Objectives



Students will be able to:

- state why low-fat dairy foods are good for their bodies
- name three ways to eat low-fat dairy foods
- explain how milk gets from the farm to their tummies


## Supplies

 10
## Toolkit

- Low-fat Dairy Picture Cards


## Additional Supplies

- Farm to Table Low-Fat Dairy Cutouts - 1 copy for each student (page 97)
- Farm to Table Low-Fat Dairy Map - 1 copy for each student (page 98)
- Chart paper
- Scissors
- Glue
- Crayons or markers
- Supplies for Fun Food Experience (page 94)


## Preparation

1. Review Low-fat Dairy Picture Cards and sequence of milk production.
2. Preparation for Fun Food Experience (page 94)

## Introduction

- Explain to the class that they're going to learn how milk travels from farm to table.


## Procedure

1. Hold up various Low-Fat Dairy Picture Cards and ask students if they can name each dairy product. Ask the students what their favorite foods made with low-fat milk are, what new foods made with low-fat milk they have recently tried, and why drinking low-fat milk is good for them (helps them keep bones and teeth strong and grow a healthy body). Remind them that milk contains calcium and is important to keep our bones and teeth strong.
2. Ask the students if they remember where milk comes from. On the chart paper, draw four quadrants. Ask the students to help you map how milk travels from the farm to our table. Help them with words to describe each step or draw pictures.

- Quadrant 1-The Cow and the Farm: Discuss that milk comes from a cow and cows live on a farm.
- Quadrant 2-The Farmer: Discuss that the farmer milks the cow. The milk is then taken to a special place, called the dairy plant, to be processed and put into cartons.
- Quadrant 3-The Store: Discuss that the cartons of milk are driven to stores so they can be purchased and taken home to enjoy.
- Quadrant 4 - We drink the milk: Discuss that after we purchase the milk, we take it home and drink it to give us strong bones and teeth.

3. Have each student glue pictures from the Farm to Table Dairy Cutouts (page 97) onto a Farm to Table Dairy Map (page 98) of their own by matching the pictures to correct quadrant.
4. Provide a Fun Food Experience. See page 94 for ideas.
5. Ask the students what they have learned over the past month about low-fat dairy. Complete the KWL chart.
6. Review bullets from the Dairylicious Snack Time Card during snack time.

## Check for Understanding

- Describe the steps on how milk gets from the farm to your table.
- State two reasons why low-fat milk is good for you (helps keep bones and teeth strong and grow a healthy body).


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## Academic Integration



## English Language and Arts

- Write ingredients on board. Have the class describe the taste of the ingredients. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)
- Have the class write (or draw for Pre-K-K) their own smoothie recipe with different fruits. (Pre-K $-1^{\text {st }}$ grade)
- Read Berenstain Bears Visit the Dentist by Stan and Jan Berenstain
- Sing a song about brushing teeth. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Math

- If making the smoothie, have class count pieces of fruit in the smoothie recipe. (Pre-K $-1^{\text {st }}$ grade)
- Graph ingredients in the recipe by food group. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Science

- If making a smoothie, discuss how the fruit is frozen. (Pre-K $-1^{\text {st }}$ grade)
- Have the class describe how color changes when foods are mixed. (Pre-K $-1^{\text {st }}$ grade)
- As a class, experiment making smoothies using different proportions of fruit and discuss the differences. Have class write their own recipe with the measurements. ( $1^{\text {st }}$ grade)
- Invite a dental hygienist or dental assistant to the class to discuss brushing, flossing and visiting the dentist. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)


## Extension Lessons

- Experiment with how heating and freezing changes foods, like the frozen fruit used in smoothies or milk used in frozen yogurt.
- Make smoothies using different fruits. Chart how many students liked each smoothie.
- Integrate a K-3 Move-To-Improve fitness break, such as Freeze and Groove. Use creative words such as: "shake" and "wiggle" as movement examples that are similar to the way the fruit and milk move in the blender.


## Resources

- DK Children's Cookbook by Katherine Ibbs, pp. 12, 13 (DK Publishing, 2004)
- Emeril, There's a Chef in My World! Recipes That Take You Places by Emeril Lagasse, pp. 60-61 (HarperCollins, 2006)
- Everything Cooking for Kids Cookbook by Ronni Litz Julien, MS RD/LDN, pp. 34, 46, 61, 70, 78, 149, 150, 153, 156, 158, 159 (Adams Media, 2010)
- Mommy and Me Cookbook by Annabel Karmel, pp. 24, 42, 43 (DK Children 2005)
- Real Food for Healthy Kids, Tracey Seaman and Tanya Wenman Steel, pp.93, 219, 228, 229, 236 (William Morrow Cookbooks, 2008)
- Kids Cook 1-2-3, Rozanne Gold; Illustrated by Sara Pinto, pp. 71, 80-81 (Bloomsbury USA Children Books, 2006)
- Someone's in the Kitchen with Mommy by Elaine Magee, MPH, RD, pp. 49, 50, 102 (McGraw-Hill, 1997)
- Williams-Sonoma The Kid's Cookbook: A great book for kids who love to cook by Abigail Dodge, p. 25 (Williams-Sonoma Lifestyles, 2002)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm

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## 8 Ways <br> To Enjoy Low-Fat Dairy Products

1. Blend low-fat frozen yogurt with low-fat milk to make a tasty treat.
2. Top wheat crackers with low-fat mozzarella cheese.
3. Make cheesy veggies for your family.
4. Dip a few graham crackers into your glass of low-fat milk.
5. Try low-fat cottage cheese with canned fruit.
6. Mix low-fat yogurt with sliced fresh fruit to make a salad.
7. Pour low-fat milk over frozen berries for a cool snack.
8. Enjoy low-fat cheddar cheese with fresh apple slices.

Today at school your child learned about dairy products and why they are important. Milk, cheese and yogurt contain calcium and vitamin D, which children need for strong bones and teeth. Skim milk has all the goodness of whole milk without the unwanted fat. You need 3 cups and your child needs 2 cups of dairy products each day.

## Cheesy Veggies

Yield: 4 cups
Serves: 8 adults

## Ingredients:

4 cups chopped vegetables (such as broccoli or cauliflower)
1 tablespoon flour
1 cup low-fat milk
 dash of pepper
4 ounces shredded low-fat sharp cheddar cheese (1 cup).

## Steps:

1. Cook vegetables until tender and set aside.
2. Using a fork, blend flour into low-fat milk until flour can no longer be seen and there are no lumps.
3. Heat milk and flour mixture in a pan over medium heat, stirring constantly, until it begins to bubble.
4. Continue cooking and stirring until sauce thickens, about 1-2 minutes.
5. Reduce heat to low and add pepper and shredded cheese.
6. Stir until cheese melts.
7. Remove from heat and pour over the cooked vegetables.
8. Enjoy!

Have your child help you do the bold steps.


## Milk Cost Comparison

## The next time you go shopping, take this chart along with you and write down the milk prices.

| Type of Milk | Cost of One Gallon |
| :--- | :--- |
| Whole |  |
| $20 / 0$ |  |
| $\mathbf{1 0} / 0$ |  |
| Skim |  |

## 

## $1 \%$ or less milk gives you all of the protein, calcium and vitamin $D$ that $\mathbf{2 \%}$ and whole milk provide, with less fat and calories. And 1\% or less milk usually costs the same or less than $2 \%$ or whole milk.

[^3]Child and Adult Care Food Program Nere Yon Slate Deparnent of rieath

## PÁGINAS PARA LOS PADRES

## Lácteos deliciosos

8 maneras de disfrutar de los productos lácteos de bajo contenido graso

1. Mezcle yogur congelado de bajo contenido graso con leche de bajo contenido graso para hacer un sabroso postre.
2. Cubra galletas de trigo con mozzarella de bajo contenido graso.
3. Haga verduras con queso para su familia.
4. Sumerja unas galletas graham en el vaso de leche de bajo contenido graso.
5. Pruebe el requesón con frutas en lata.
6. Mezcle yogur de bajo contenido graso con fruta fresca en rebanadas para hacer una ensalada.
7. Vierta leche de bajo contenido graso sobre fresas congeladas para hacer un bocadillo genial.
8. Disfrute de queso cheddar de bajo contenido graso con rebanadas de manzana fresca.


#### Abstract

Hoy en la escuela su hijo aprendió qué son y por qué son importantes los productos lácteos de bajo contenido graso. La leche, el queso y el yogur contienen calcio y vitamina $D$, que los niños necesitan para tener huesos y dientes fuertes. La leche descremada tiene todo lo bueno de la leche entera sin la grasa perjudicial. Usted necesita 3 tazas diarias de productos lácteos y su hijo 2.


## Verduras con queso

Rendimiento: 4 tazas
Porciones: 8

## Ingredientes



4 tazas de verduras picadas (como brócoli o coliflor)
1 cucharada de harina
1 taza de leche de bajo contenido graso
una pizca de pimienta
4 onzas de queso cheddar fuerte de bajo contenido graso desmenuzado (1 taza).

## Pasos

1. Cocine las verduras hasta que estén tiernas y resérvelas.
2. Con un tenedor, mezcle la harina y la leche de bajo contenido graso en un bol pequeño hasta que no pueda verse la harina y no haya grumos.
3. Caliente la mezcla de leche y harina en una olla sobre fuego medio, revolviendo constantemente hasta que empiece a hacer burbujas.
4. Continúe cocinando y revolviendo hasta que la salsa espese, alrededor de 1 a 2 minutos.
5. Baje el fuego a mínimo y agregue la pimienta y el queso desmenuzado.
6. Revuelva hasta que se derrita el queso.
7. Retire del fuego y vierta sobre las verduras cocidas.
8. ¿Buen provecho!

Haga participar a su hijo en la preparación de los pasos que aparecen en letra negrita.

Child and Advit Care Food Programi
Neme Yoal Slate Deporment of rieath

## La próxima vez que vaya de compras, lleve consigo esta tabla y apunte los precios de la leche.

| Tipo de leche | Costo de un galón |
| :--- | :--- |
| Entera |  |
| $2 \%$ |  |
| $\mathbf{1 \%}$ |  |
| Descremada |  |



La leche con contenido graso del $1 \%$ o menos le aporta la misma proteína, calcio y vitamina $D$ que la del $2 \%$ o que la leche entera, con menos grasa y menos calorías. Y la leche con un contenido graso de menos del 1\% normalmente cuesta lo mismo o menos que la del 2\% o que la leche entera.

## Yield: 1 cup

Ingredients

Steps

1. Place first 5 ingredients in a blender and mix only until smooth, about 1-2 minutes. Note: over-mixing will 2. Pour the mixture into a small bowl. Cover with plastic wrap and place into the refrigerator.
2. While the dip is chilling, wash the fresh vegetables.
3. Cut the carrots, celery, green pepper and green beans into small sticks.
4. Break broccoli into florets.
5. Dip vegetables in chilled dip and enjoy!
Have your child help you do the bold steps.
Adaptation of Cottage Cheese Dip recipe from Healthy Cooking for Kids by Michael Jacobsen, Ph.D., and Laura Hill, R.D.
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 equal opportunity provider and employer.
mejor. Para informarse mejor, llame al 1-800-342-3009. Programa de estampillas para alimentos provee asistencia en nutrición a personas de bajos ingresos. Puede ayudarle a comprar alimentos nutritivos para tener una dieta旧 $\forall$ OS

Adaptación de la receta de salsa fría de requesón de Healthy Cooking for Kids de Michael Jacobsen, Ph.D., y Laura Hill, R.D.

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| Smoothies |
| :--- | :--- |
| Yield: 24 ounces |
| Ingredients |
| 1 small ripe banana |
| 1 cup frozen fruit (blueberries, strawberries, etc.) |
| 1 8-ounce carton low-fat yogurt (vanilla or fruited) |
| 3/4 cup low-fat (1\% or less) milk. |
| Steps adults |
| 1. Peel banana. Using cutting boards and butter knife, cut banana into 1-inch chunks. Place the banana |
| chunks into the blender. |
| 2. Measure the frozen fruit and milk needed. |
| 3. Put the measured fruit, yogurt and milk into the blender with the bananas. |
| 4. Cover the blender, and blend on high speed for about 1 minute or until the mixture is smooth. |
| 5. Pour smoothie into cups, and enjoy! |
| Have your child help you do the bold steps. |

[^4]mejor. Para informarse mejor, llame al 1-800-342-3009.


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## Fantastic Food Groups

## Goal

To increase knowledge and awareness of eating a variety of foods from all of the food groups.

## Key Points

- Eating a variety of foods is an important part of being healthy.
- Foods come from different food groups (fruits, vegetables, grains, dairy and meat and beans) and each food group help children grow healthy and strong.
- Feeling hungry is the body's way of saying it's time to eat. When they feel hungry, children need to eat foods for energy, health and growth.
- Feeling full is the body's way of saying it's time to stop eating. Eating too much can lead to feeling uncomfortable and decrease the desire to play.


## Lessons (45 minutes)

Note: Lesson 4 contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided. Food tastings are optional, but highly recommended for all of the lessons.

1. The Edible Food Pyramid
2. A Look at Pizza
3. Mapping the Body
4. ChooseMyPlate and Food Fun*

# Lesson 1 The Edible Food Pyramid 

## Objectives



Students will be able to:

- name and identify foods from the five food groups (fruits, vegetables, grains, dairy and meat and beans)
- understand the importance of eating all five food groups every day


## Supplies

## Toolkit

- The Edible Pyramid by Loreen Leedy


## Additional Supplies

- ChooseMyPlate picture (page 113)
- Recommended Fun Food Experience supplies (page 128)


## Preparation

1. Review the book The Edible Pyramid by Loreen Leedy.

- Decide in advance what pages you want to paraphrase or skip.
- Skip information regarding recommended amounts per day, oils and sweets.

2. Recommended Fun Food Experience preparation (page 128).

## Introduction

- Tell the class they're going to learn about different foods by reading a book about a special restaurant.


## Steps

1. Begin a KWL (what you already Know, what you Want to learn, what you Learned) chart by asking students what they know and what they want to know about food groups. Note: Please complete Learned portion of KWL chart at end of module, after Lesson 4.
2. Read The Edible Pyramid by Loreen Leedy.

- Focus on the five main food groups (fruits, vegetables, grains, dairy and meat and beans).
- Emphasize the colors of the fruits and vegetables. Point out the low-fat dairy foods.
- Ask the class what foods they've tried from each of these groups and what foods they want to try.
- Skip serving size recommendations for each food group.
- Discuss the difference between serving sizes for the elephant and the mouse on page 25.
- Use pizza to explain that foods can have several food groups (cheese, tomato, and crust).

3. Show a picture of the ChooseMyPlate (page 113). Ask the class to name all the food groups and how they fit on the plate.
4. Tell the class that eating from all five food groups is important because each helps their bodies grow in a different way.
5. Recommended Food Tasting: Provide a Fun Food Experience. See Fantastic Food Groups Module, page 128 for ideas.
6. Have students take home a Fantastic Food Groups Family Page.
7. Review the Fantastic Food Groups Snack Time Card during snack time.

## Check for Understanding

- Name the five food groups (fruits, vegetables, grains, dairy, meat and beans).
- Name a food you've eaten from each food group.
- Explain why it's important to eat foods from all five food groups (each food group helps our bodies be healthy in different ways).


## Academic Integration



## English Language and Arts

- Have class make a book about their favorite healthy foods. Ask students to draw or cut out pictures from magazines and put them in the book. (Pre-K $-1^{\text {st }}$ grade)
- Have class make a book about healthy breakfasts, lunch or dinner. (Pre-K $-1^{\text {st }}$ grade)
- Have class sort pictures of food by food group. (Pre-K $-1^{\text {st }}$ grade)
- Create a class restaurant menu by drawing pictures (Pre-K-K) or writing words ( $1^{\text {st }}$ grade). Include all the food groups in the menu.
- Review a SchoolFood menu. Find the food groups on the menu and name those that are missing. (Pre- $\mathrm{K}-1^{\text {st }}$ grade)


## Dramatic Play

- Have students create a healthy restaurant meal with plastic foods. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Create a store using empty boxes and empty food packages. Label prices for students to go grocery shopping for healthy foods. (Pre-K)
- Keep menus in dramatic play area for future use. (Pre-K)


## Math

- Discuss the shapes and colors in the book. (Pre-K $-1^{\text {st }}$ grade)
- Write on a board the foods the class has tried from each food group. Make a graph depicting how many foods from each food group the class has tried. (Pre-K-1 ${ }^{\text {st }}$ grade)
- If making menus (see ELA) add prices and let the students count money while pretending to eat at a healthy restaurant. ( $\mathrm{K}-1^{\text {st }}$ grade)
- Discuss the difference between a pyramid and a triangle. Have the students construct their own pyramids using cardboard or oak tag and glue foods they have drawn or cut out from magazines onto it. ( $1^{\text {st }}$ grade)
- Ask students to make a list of everything that they eat over the weekend. Ask them to sort and chart by food group. ( $1^{\text {st }}$ grade $)$


## Social Studies

- Create a Family Home Project. Ask each child to bring in a multicultural meal to share in class that includes every food group. Have a healthy multicultural tasting party. This is a great end of year celebration. (Pre-K $-1^{\text {st }}$ grade)
- Show pictures of foods from a variety of cultures and ask or chart how the foods would fit the food groups. ( $1^{\text {st }}$ grade)


## Science

- Grains are divided into two subgroups, whole grains and refined grains. Discuss the difference between refined and whole grains. Whole grains contain the entire grain kernel-the bran, germ, and endosperm. Refined grains only contain the endosperm.


## Extension Lessons

- Integrate a K-3 Move-To-Improve fitness break, such as Color Workout. Substitute color paper with the five food groups to instruct movement.


## Resources

- United States Department of Agriculture Choose MyPlate: choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm



## Lesson 2 A Look at Pizza

## Objectives



Students will be able to:

- identify foods in each food group (fruits, vegetables, grains, dairy and meat and beans)
- identify foods with more than one food group
- understand that a balanced meal or snack has more than one food group


## Supplies

Toolkit

- The Edible Pyramid by Loreen Leedy or Picture Cards for all five food groups:
$\checkmark$ Fruits
$\checkmark$ Vegetables
$\checkmark$ Whole Grains
$\checkmark$ Dairy
$\checkmark$ Meat and Beans


## Additional Supplies

- Chart Paper
- Markers
- Recommended Fun Food Experience supplies (page 128)


## Preparation

1. Create a chart with 5 columns, one for each food group (fruits, vegetables, grains, dairy and meat and beans) and place on the wall.
2. Draw a picture of a see-saw on chart paper.
3. Recommended Fun Food Experience preparation (page 128).

## Introduction

- Explain to the class that are going to learn about balanced meals and snacks.


## Steps

1. Ask the class to name the five foods groups and name a few foods in each group.
2. Explain that the type of foods we eat need to be balanced, which means not too much of any one thing. Use the see-saw to help explain balance.

- Show the picture of the see-saw and explain how the see-saw works.
- Ask what happens if two students sit on one side of the see-saw, but only one student sits on the other (it won't work. One side is too heavy).
- Discuss how to get the see-saw to work well (one student on each side of the see-saw; not too many students on any one side).

3. Explain that food works the same way as the see-saw. For our bodies to work well, we need to have balance with what we eat (not too much from any one food group).
4. On chart paper, list what the students know about pizza. Show a picture of a pizza or draw a pizza to help the class. Ask them leading questions such as:

- What shape is a pizza and pizza slice?
- What does pizza taste like?
- What ingredients are in a pizza?
- What toppings can you put on a pizza? List as various toppings plus the tomato sauce, cheese and dough.

5. Ask the class to list each ingredient into each corresponding food group.

- Discuss each group and write the ingredients under the appropriate food group column.
- Use My Edible Pyramid by Loreen Leedy or the Picture Cards to help.
- Use these questions as a guide to place ingredients:


## Vegetables

$\checkmark \quad$ What foods are in this food group? What ingredients fit here (tomato)?
$\checkmark$ What other foods from our pizza list go in the vegetable category (onions, mushrooms, peppers, broccoli, eggplant, basil)?
$\checkmark \quad$ Why are vegetables so important for us to eat (they help us to stay healthy)?

## Fruits

$\checkmark$ What foods are in this food group? What ingredients fit here?
$\checkmark$ Are there any pizza toppings that are fruits (pineapple)?
$\checkmark \quad$ Why are fruits so important for us to eat (they help us to stay healthy)?

Whole Grains (such as bread, pasta and cereal)
$\checkmark \quad$ What foods are in this food group? What ingredients fit here (dough)?
$\checkmark \quad$ What is the crust made out of (wheat-wheat is a plant that is a grain)?
$\checkmark \quad$ Who can name a whole grain they ate yesterday?
$\checkmark \quad$ Why do we eat food from this category (provides energy to run and play)?

## Low-fat Dairy

$\checkmark \quad$ What foods are in this food group? What ingredients fit here (cheese)?
$\checkmark \quad$ Why are low-fat dairy foods important (these foods have calcium for strong teeth and bones)?

Lean Meat and Beans (such as beans, tofu, eggs, nuts, meat, chicken and fish)
$\checkmark \quad$ What foods are in this food group? What ingredients fit here (chicken, ham, hamburger and anchovies)? Note: pepperoni and sausage have more fat and are not lean sources of protein.
$\checkmark \quad$ What meat and beans foods do you like to eat at home?
$\checkmark \quad$ Why do we eat meat and beans foods (to help us grow and build strong muscles)?
6. Review the see-saw example and discuss if the pizza is balanced.

- Explain that pizza can have foods from all of the food groups and helps us be healthy in different ways.
- Explain that some pizza can have too much or not enough of a food group, such as too much cheese or not enough vegetables, to be balanced.
- Tell them that making pizza at home with your family is the best way to make a balanced pizza.

7. Ask class to name meals and snacks they eat with multiple food groups. Examples might include:

- cereal, milk and fruit;
- turkey sandwich with lettuce and tomato on whole wheat bread;
- spaghetti and meatballs;
- chicken stir-fry with vegetables and rice;
- burritos with beans, rice, and vegetables; and
- peanut butter and apples.

8. Recommended Food Tasting: Provide a Fun Food Experience. See Lesson 4, page 128 for ideas.
9. Review the Fantastic Foods Groups Snack Time Card during snack time.

## Check for Understanding

- Name the five different food groups (fruit, vegetable, grains, dairy, meat and beans).
- Name a food from each food group.
- Name a food with more than one food group (pizza, spaghetti, lasagna, smoothie).


## Academic Integration



## English Language and Arts

- Read Pizza at Sally's by Monica Wellington. Discuss the steps for making pizza. (Pre $\mathrm{K}-1^{\text {st }}$ grade)
- Create a class (Pre-K and K) or an individual ( $1^{\text {st }}$ grade) All About Book about favorite foods and the food groups.
- Have class make a book about balanced meals. (1 $1^{\text {st }}$ grade)


## Math

- Ask the class to graph their favorite types of pizza. (Pre $\mathrm{K}-1^{\text {st }}$ grade)
- Ask the class to list types of foods in a food group. Create a graph (picture, bar, or tally depending on age) to display results.
(Pre K-1 ${ }^{\text {st }}$ grade)
- Ask class to draw a pizza. Discuss what happens when they cut the pizza in half and then in half again. (Pre $\mathrm{K}-1^{\text {st }}$ grade)
- Have class make an 8 -slice pizza pie out of paper plates. Put different toppings on slices and have them write the fractions of each topping (for example $2 / 8$ of the pizza has broccoli as a topping). ( $1^{\text {st }}$ grade)
- Discuss how much is too much and too little to eat using fractions on a plate. (Pre K-1 ${ }^{\text {st }}$ grade)


## Social Studies

- Discuss the origin of pizza. Tell them that it was invented in Greece or Italy over 200 years ago and that pizza in Italian means "pie'. Locate Greece and Italy on a map. ( $1^{\text {st }}$ grade)
- Read a book about the history of pizza. (1 $1^{\text {st }}$ grade)


## Extension Lessons

- Let each child build a mini-pizza on an English muffin using whole wheat English muffins, tomato sauce, low-fat cheese and diced vegetables.
- Display a chart with the five food groups listed at the top. Show the Fruits, Vegetables, Whole Grain, Low-fat Dairy, and Lean Meat and Beans Picture Cards. Give one to each student. Ask students to come to the front of the room and tape their card under the correct food group on the board.
- Integrate a K-3 Move-To-Improve fitness break, such as Stretch and Roll. Students can imagine they are stretching and rolling their bodies as they would pizza dough to make the dough more flexible.


## Resources

- New Jersey Supplemental Nutrition Assistance Program- What's Cookin' in the Classroom? Garden Pizza, http://www.njsnap-ed.org/edu_materials/curriculum.php?id=3
- The Pizza We Made by Joan Holub (Puffin Books, 2001)
- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Lesson 3 Mapping the Body

## Objectives



Students will be able to:

- understand the importance of eating foods from all five food groups
- state why they should eat when they are hungry
- state why they should stop eating when they are full


## Supplies

Toolkit

- Picture Cards for all five food groups:
$\checkmark$ Fruits
$\checkmark$ Vegetables
$\checkmark$ Whole Grains
$\checkmark$ Low-fat Dairy
$\checkmark$ Lean Meat and Beans


## Additional Supplies

- Large piece of paper for tracing a child's silhouette
- Markers and/or crayons
- Tape
- Optional Silhouette Activity: Copies of silhouette (page 125)
- Recommended Fun Food Experience supplies (page 128)


## Preparation

1. Display Picture Cards by food group for students to see and choose from them during the class.
2. Ask one of the students to lie down on the large sheet of paper. Trace around the student to make a drawing. Hang the drawing where the students can see and reach it. NOTE: this can also be done as part of the class.
3. If doing Optional Silhouette Activity, make copies of silhouette (page 125) for each child and cut out if desired.
4. Recommended Fun Food Experience preparation (page 128).

## Introduction

- Tell the class that they'll be making a body map with the foods that are important for them to eat.


## Steps

1. Discuss with the class that when they feel hungry, their bodies are telling them to eat foods that will give them energy and help them grow. Ask the students to tell you a time that they felt hungry. Explain that eating a variety of healthy foods helps them grow strong.
2. Ask the students to name the five food groups and some foods that fall into each food group. Point out the Picture Cards on the wall.
3. Ask the students to take turns choosing a Picture Card from the wall that they like to eat when they are hungry. Have the students name the food and then tape it on the body map. As the students attach the card and tell them how that food helps the body:

- Fruits and Vegetables - contain vitamins, minerals and fiber which helps them see, helps their bodies heal when they are hurt, keeps them healthy, and gives them energy to work and play.
- Whole Grains - contain vitamins, minerals and fiber which gives them energy to work and play.
- Low- Fat Dairy (milk, cheese, yogurt) - contains calcium and vitamin D which helps builds strong bones and teeth.
- Meat and beans - contains protein, vitamins and minerals which helps them grow and build strong muscles.

4. Ask the students to describe a time that they felt too full. Ask the students how they would feel if they ate all the foods on the body map at one time.
5. Tell them that feeling full is the body's way of signaling that we should stop eating so they don't feel bad or lose their desire to play.
6. Optional Silhouette Activity: Pass out Silhouettes (page 125) and markers or crayons to each student. Ask them to draw their favorite foods from all the foods groups on their silhouettes.
7. Recommended Food Tasting: Provide a Fun Food Experience. See Fantastic Food Groups Module, Lesson 4, page 128.
8. Review the Fantastic Foods Groups Snack Time Card during snack time.

## Check for Understanding

- State why it's important to eat a variety of foods (each food helps our bodies in different ways to stay healthy and strong).
- Explain why we should eat when we are hungry (to help our body grow strong).
- Explain why we should stop when we are full (to prevent feeling uncomfortable or losing our desire to play).


## Academic Integration



## English Language and Arts

- Read Me and My Amazing Body by Joan Sweeney. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Make a class book (Pre-K-K) or individual books ( $1^{\text {st }}$ grade) depicting body parts (such as bones, heart, muscles) with foods that help keep that body part healthy.
- Cut out pictures from fliers of local supermarkets. Have class glue them to a plate using the MyPlate as a guide.



## Math

- Count and graph foods from each food group that are represented on the body map. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Science

- Discuss and spell parts of the body: bones, stomach, intestines, muscles, heart and brain. Discuss the function of each part. Ask students to make sentences using each parts. ( $1^{\text {st }}$ grade)


## Extension Lessons

- Have class make their own body map. Ask each child to trace another child's body and then switch roles. Ask students to decorate their own body maps with foods from all five food groups that they like to eat.
- Make an All About My Body Book describing body parts and their function. Add pictures of foods that help keep those body parts healthy.
- Integrate a K-3 Move-To-Improve fitness break, such as NYC Traffic Jam. Make the connection between fueling your body when you are hungry and fueling your car when it needs gas.


## Resources

- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm

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## Lesson 4 ChooseMyPlate and Food Fun

## Objectives



Students will be able to:

- identify foods from the five basic food groups: fruits, vegetables, grains, dairy and meat and beans
- state importance of eating foods from all five food groups
- build a healthy snack using foods from two to five of the food groups


## Supplies



- Ruler
- Oak tag or construction paper
- Adult and child scissors
- Crayons or markers
- Papers and magazines with pictures of food
- Glue or tape
- Blank ChooseMyPlate (page 131)
- Supplies for Fun Food Experience (page 128)


## Preparation

1. Make copies of blank ChooseMyPlate on page 128 for each student or prepare a large blank plate. If doing a large blank plate, draw sections of each food group, using the ChooseMyPlate on page 113 as a guide. Have the students help with as much or as little of this project, depending upon the age level of the classroom.
2. Preparation for Fun Food Experience (page 128).

## Introduction

- Tell the class they're going to make a plate with foods from all five groups. Review the five food groups and example foods in each food group.
- Remind the class it's important to eat foods from each food group every day because different foods help our bodies in different ways.


## Steps

1. For individual ChooseMyPlate:

- Each student will draw foods from each food group on the blank plate.

2. For group ChooseMyPlate:

- Cut out pictures from magazines or draw pictures and cut them out of the five food groups.
- Ask the class to glue pictures on appropriate part of the plate. For dairy, encourage students to put low-fat milk to the side of the plate. Keep the plate in class or decorate another part of the school.

3. Provide a Fun Food Experience, page 128.
4. Ask the students what they've learned about food groups. Complete the KWL chart.
5. Review the Fantastic Food Groups Snack Time Cards during snack time.

## Check for Understanding

- Identify foods from the five basic food groups (fruits, vegetables, grains, dairy and meat and beans).
- Explain why it's important to eat food from all five groups (eating from a variety of foods helps our bodies grow strong).




## Academic Integration



## English Language and Arts

- Write adjectives given by the class to describe the taste of the foods up on the board (Pre-K-1 ${ }^{\text {st }}$ grade) and have older students ( $1^{\text {st }}$ grade) write a descriptive poem about a favorite food.
- Have class create a shopping list of ingredients by drawing pictures (Pre-K-K) or writing the words. ( $1^{\text {st }}$ grade)



## Math

- Discuss whole, cut and rolled tortilla shapes. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Count ingredients in the wrap and hummus. (Pre-K-1 $1^{\text {st }}$ grade)
- Make a bar, tally, or pictograph of favorite class ingredients in the wrap. (Pre-K $-1^{\text {st }}$ grade)


## Social Studies

- Discuss the origin of wraps. Locate the country of origin on a globe. (Pre-K $-1^{\text {st }}$ grade)


## Extension Lessons

- Make a fruit wrap with canned peaches or cooked apples with cinnamon. Use low-fat cream cheese or low-fat cottage cheese instead of hummus dip.
- Integrate a K-3 Move-To-Improve fitness break, such as Farmers' Market. Students can name healthy ingredients to purchase at a farmers' market to include in their wrap.


## Resources

- DK Children's Cookbook by Katherine Ibbs, pp. 16, 17, 42, 52 (DK Publishing, 2004)
- Emeril's There's a Chef in My Soup! Recipes for the Kid in Everyone by Emeril Lagasse, pp. 90-91, 98, 99 (HarperCollins, 2005)
- Everything Cooking for Kids Cookbook by Ronni Litz Julien, MS RD/LDN, pp. 42, 51, 72, 96, 156 (Adams Media, 2010)
- Emeril, There's a Chef in My World! Recipes That Take You Places by Emeril Lagasse, pp. 60, 61, 83, 132 (HarperCollins, 2006)
- Someone's in the Kitchen with Mommy by Elaine Magee, MPH, RD, pp. 26. 52 (McGrawHill, 1997)
- Williams-Sonoma The Kid's Cookbook: A great book for kids who love to cook by Abigail Dodge, pp. 38, 72 (Williams-Sonoma Lifestyles, 2003)
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphces_curriculum/index.htm



## Family Pages

# Fantastic Food Groups 

# 8 Ways To Encourage Good Eating Habits 

1. Plan a quiet activity for your child before mealtime such as drawing a picture.
2. Teach your child to help you cook. Helping makes your child feel good.
3. Offer your child healthy foods for meals and snacks.
4. Let your child decide what to eat.
5. Serve foods in new ways so your child will want to try them. Make fun shaped foods, and give foods funny sounding names.
6. Make mealtimes happy times.
7. Let your child serve their own plate. They are better at taking the right amount of food.
8. Let your child to decide how much to eat.

Today at school your child learned that it is important to eat a variety of foods. Offer foods from all five food groups (vegetables, fruits, grains, dairy, and protein foods every day). Focus on colorful vegetables and fruits, whole grains, low-fat dairy, and lean proteins such as fish, chicken breast, and beans.

## Cheese Stuffed Potatoes

Yield: 8 potato halves
Serves: 8 adults

## Ingredients:

4 baking potatoes
1 cup low-fat cottage cheese


2 tablespoons low-fat ( $1 \%$ or less) milk
2 tablespoons minced onion (optional)
4 ounces shredded low-fat cheddar cheese
$1 / 4$ teaspoon paprika.

## Steps:

1. Scrub potatoes and remove any blemishes.
2. *Bake potatoes in oven preheated to 400 degrees until tender (about 30 to 40 minutes).
3. Slice each potato in half, lengthwise. Scoop out the pulp with a spoon, leaving $1 / 4$-inch thick shells.
4. Blend cheese, milk and onion with spoon. Add potato pulp and mix until light and fluffy.
5. Fill potato halves with mixture. Sprinkle with shredded cheese and paprika.
6. Return to oven to reheat for 10 minutes.
7. Enjoy!
*Microwave Method: Pierce potatoes with a fork and place in microwave. Cover potatoes with waxed paper and heat on high until tender, about 5 to 10 minutes.

## Have your child help you do the bold steps.

## How many times has your child asked, "Can I help?"



Helping with family meals makes your child feel needed. Children can do many tasks. Working together gives you more time with your child. Talk with your child, and hear what he or she has to share. It is good for your child to learn how to help you. So, even if you can work faster alone, ask your child to help you.

## Ways Your Child Can Help

1. Pick flowers for the table.
2. Create paper place mats.
3. Put pets in another room if they need attention at mealtime.
4. Help clear table before setting it.
5. Wash his or her hands.
6. Help with table setting.
7. Help with simple kitchen jobs:

- Tear lettuce for salads.
- Mix a tossed salad.
- Snap green beans.
- Dip fresh berries into water to wash them.
- Scrub fresh vegetables.
- Roll a lemon.
- Squeeze juice from the lemon.
- Shake a bottle of salad dressing.
- Spread soft margarine on bread or toast.

- Stir batter with a spoon.
- Cut a banana into pieces with a butter knife.
- Peel hard cooked eggs.
- Wrap potatoes in foil for baking.
- Put bread or rolls into a basket.

8. Bring items to the table (bread, rolls, crackers).
9. Pour milk or water from a small pitcher, perhaps with help.
10.Turn off the TV, so the family may talk at mealtimes.
11.Bring his or her dishes to the sink after eating.
12.Place items in the trash.

Try This: Does it seem impossible to fit family meals into your busy schedule? Go step by step. Try to enjoy at least one family meal together this week. See what works, and plan from there.

Adapted from Nibbles for Health.

[^5]Child and Adult Care Food Program New York State Departnent of Heath

## PÁGINAS PARA LOS PADRES

## Fantásticos grupos de alimentos

## 8 maneras de estimular buenos hábitos alimenticios

1. Planifique una actividad tranquila para su hijo antes de las comidas, como dibujar.
2. Enséñele a su hijo a que lo ayude a cocinar. Al ayudar, su hijo se siente bien.
3. Ofrézcale a su hijo alimentos saludables en las comidas y los bocadillos.
4. Permita que su hijo decida qué comer.
5. Sirva los alimentos en modos novedosos para que su hijo quiera probarlos. Haga alimentos con formas divertidas, y déle a los alimentos nombres graciosos.
6. Haga que la hora de la comida sea un momento feliz.
7. Permita que su hijo se sirva su plato solo. Los niños saben escoger la cantidad adecuada de comida.
8. Permita que su hijo decida cuánto va a comer.

Hoy en la escuela su hijo aprendió que es importante consumir una variedad de alimentos. Ofrézcale alimentos de cada uno de los cinco grupos (verduras, fruta, cereales, lácteos -los alimentos derivados de la leche- y proteínas) todos los días. Concéntrese en las verduras y frutas de colores, los granos integrales, los lácteos bajos en grasa y las proteínas magras (con poca grasa), como el pescado, la pechuga de pollo y las legumbres.

## Papas rellenas de queso

Rendimiento: 8 mitades de papa

## Ingredientes

4 papas de asar
1 taza de requesón de bajo contenido graso
2 cucharadas de leche de bajo contenido graso ( $1 \%$ o menos)

Porciones: 8


2 cucharadas de cebolla picada (opcional)
4 onzas de queso cheddar de bajo contenido graso desmenuzado $1 / 4$ cucharadita de páprika.

## Pasos

1. Restriegue las papas y quite cualquier imperfección.
2. *Ase las papas en un horno precalentado a 400 grados hasta que estén tiernas (entre 30 y 40 minutos aproximadamente).
3. Parta cada papa por la mitad a lo largo. Vacíe la pulpa de la papa con una cuchara dejando las pieles a $1 / 4$ de pulgada de grosor.
4. Mezcle el queso, la leche y la cebolla con una cuchara. Añada la pulpa de la papa y mézclela hasta que esté ligera y esponjosa.
5. Llene las mitades de papa con la mezcla. Salpique con queso rallado y páprika.
6. Vuelva a ponerlas en el horno para recalentarlas durante 10 minutos.
7. ¡Buen provecho!
*Pinche las papas con un tenedor y póngalas en el microondas. Cubra las papas con papel encerado y caliente a temperatura alta entre 5 y 10 minutos.

## Haga participar a su hijo en la preparación de los pasos que aparecen en letra negrita.

Adaptado de Recipes and Tips for Healthy, Thrifty Meals.

CACFP
Child and Advit Care Food Program
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## ¿Cuântas veces le ha preguntado su lijjo, "Puedo ayudar"?



Ayudar a preparar las comidas de la familia hace que su hijo se sienta importante. Los niños pueden hacer muchas tareas. Trabajar juntos hace que usted pase más tiempo con su hijo. Hable con su hijo, y escuche lo que tiene para contarle. Es bueno para su hijo aprender cómo ayudar. Por lo tanto, aunque usted pueda ir más deprisa sólo, pídale a su hijo que le ayude.

## Maneras en que su hijo puede ayudar

1. Cortar flores para la mesa.
2. Crear mantelillos individuales de papel.
3. Llevar a los animales domésticos a otra habitación si exigen atención durante las comidas.
4. Ayudar a limpiar la mesa antes de ponerla.
5. Lavarse las manos.
6. Ayudar a poner la mesa.
7. Ayudar con tareas simples en la cocina:

- Partir la lechuga para la ensalada.
- Mezclar la ensalada.
- Partir las judías verdes.
- Poner los frutos rojos en agua para lavarlos.
- Frotar las verduras frescas.
- Presionar un limón haciéndolo rodar.
- Exprimir el jugo de un limón.
- Agitar una botella de aderezo para ensalada.
- Untar margarina blanda sobre pan o tostadas.

- Mezclar masa con una cuchara.
- Cortar una banana en trozos con un cuchillo de untar mantequilla.
- Pelar huevos duros.
- Envolver papas de asar en papel aluminio.
- Colocar el pan o los bollos en una cesta.

8. Llevar artículos a la mesa (pan, bollos, galletas).
9. Verter leche o agua de una jarra pequeña, tal vez con ayuda.
10. Apagar la televisión para que la familia pueda conversar durante las comidas.
11. Llevar su plato y utensilios al fregadero después de comer.
12. Arrojar los desperdicios en la basura.

Intente esto: ¿Le parece imposible encajar las comidas familiares en su ajetreada jornada? Vaya paso a paso. Intente disfrutar de al menos una comida en familia esta semana. Compruebe lo que da buenos resultados y planifique conforme a eso.

Adaptado de Nibbles for Health.
we
Hummus Dip

$$
\text { Serves: } 16 \text { children }
$$

1 (15-ounce) can chickpeas (known as garbanzo beans), drained and rinsed 1/2 to 1 clove of garlic
$1 / 4$ cup plain low fat yogurt
1 teaspoon olive or canola oil
$1 / 4$ teaspoon salt
1/4 teaspoon paprika
$1 / 8$ teaspoon ground black pepper
Steps

1. Peel garlic clove.
2. Add all ingredients to a blender or food processor. Blend ingredients until smooth.
3. Serve with fresh cut vegetables and enjoy!
Have your child help you do the bold steps. or disability. To file a complaint of discrimination, write USDA, Dire
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oportunidades Departamento de Agricultura de los Estados Unidos (USDA). De acuerdo a la ley federal y la política del USDA, se prohíbe a esta institución el discriminar por motivos de raza,
color, origen nacional, sexo, edad, religión, creencias políticas o discapacidad. Para presentar una queja por discriminación, escriba al USDA, Director, Office of Civil Rights, 1400 Le puede ayudar a comprar alimentos nutritivos para una mejor dieta. Para obtener más información, Ilame al 1-800-342-3009. Este material fue financiado por el SNAP del El programa de Asistencia Suplementaria de Nutrición (o Supplemental Nutrition Assistance Program, SNAP en inglés) proporciona ayuda nutricional a personas con bajos ingresos.

| Rendimiento: 2 tazas |
| :--- |
| Porción: para 16 niños |
| Ingredientes |
| 1 lata de garbanzos ( 15 onzas) (también conocidos como habichuela garbanzo), escurridos y enjuagados |
| De $1 / 2$ a 1 diente de ajo |
| $1 / 4$ taza de yogur natural bajo en grasa |
| 1 cucharada de jugo de limón |
| 1 cucharadita de aceite de oliva o de canola |
| 1/4 cucharadita de sal |
| 1/4 cucharadita de pimentón dulce |
| 1/8 cucharadita de pimienta negra molida |
| Pasos |
| 1. Pelar el diente de ajo. |
| 2. Añada todos los ingredientes en una licuadora o procesador de alimentos. |
| 3. Mezcle los ingredientes hasta que queden lisos. |
| 4. Sírvalo con verduras frescas recortadas |
| 5. Disfrute! |
| Pídale a su niño que le ayude con los pasos escritos en negrita. |

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NME

## Hummus Wraps

| Yield: 16 small snack wraps |
| :--- |
| Ingredients |
| 4 whole wheat tortillas |
| 1 cup hummus (see hummus recipe) |
| $1 / 2$ head romaine lettuce |
| 2 medium cucumbers |
| 10 ounces low fat cheese 16 children |
| Steps |
| 1. Grate cheese into bowl and set aside in refrigerator. |
| 2. Cut tortillas into 4 triangles. |
| 3. Wash lettuce and cucumber. |
| 4. Peel skin off cucumber and slice cucumber into thin rounds. |
| 5. Break lettuce up into 3 inch pieces. |
| 6. Spread 1 Tablespoon of humus onto a tortilla triangle. |
| 7. Add a few slices of cucumber, one piece of lettuce and 1 Tablespoon of grated cheese. |
| 8. Starting with the small end, roll the wrap into a tube, keeping ingredients inside. |
| 9. Enjoy! |
| Have your child help you do the bold steps. |

The Supplemental Nutrition Assistance Program (SNAP) provides nutrition assistance to people with low income. It can help you buy nutritious foods for a better diet. To find out more, contact 1-800-342-
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color, origen nacional, sexo, edad, religión, creencias políticas o discapacidad. Para presentar una queja por discriminación, escriba al USDA, Director, Office of Civil Rights, 1400 Le puede ayudar a comprar alimentos nutritivos para una mejor dieta. Para obtener más información, llame al 1-800-342-3009. Este material fue financiado por el SNAP del El programa de Asistencia Suplementaria de Nutrición (o Supplemental Nutrition Assistance Program, SNAP en inglés) proporciona ayuda nutricional a personas con bajos ingresos

eseiô uə ọ̣q osənb әp sezuo 0I 2 pepinos medianos $1 / 2$ cabeza de lechuga romana
1 taza de hummus (consulte la receta de hummus) Ingredientes Rendimiento: 16 wraps Porción: 1 bocadillo pequeño


## Smart Snacking

## Goal

To increase knowledge and awareness of the importance of eating nutritious snacks.

## Key Points

- As we try more foods, we begin to like more foods.
- There are many healthy snacks that taste very good.
- Healthy snacks help children's bodies grow strong and give them energy to play.
- We can put foods into two categories:
- Everyday Foods - for eating every day
- Sometimes Foods - for eating once in a while
- Healthy snacks come from a combination of Everyday Foods.
- Eating a variety of foods is an important part of being healthy.


## Lessons (45 minutes)

Note: Lesson 4 contains a recommended Fun Food Experience. Three tasting options (Basic Food Tasting, Chef Level 1, and Chef Level 2) are provided. Food tastings are optional, but highly recommended for all of the lessons.

1. Trying New Foods
2. Healthy Snack Art Work
3. Making Our Own Snacks
4. Snack Hunt and Fun Food*

# Lesson 1 <br> Trying New Foods 

## Objectives



Students will be able to:

- understand that as they try new foods, they'll begin to like more foods
- name one new healthy snack that they'll try
- state one reason why it's important to eat healthy snacks


## Supplies

Toolkit

- Healthy Snack Picture Cards
- I Will Never Not Ever Eat a Tomato by Lauren Child

Additional Supplies

- Recommended Fun Food Experience supplies (page 160)


## Preparation

1. Review I Will Never Not Ever Eat a Tomato by Lauren Child.
2. Recommended Fun Food Experience preparation (page 160).

## Introduction

- Tell class they'll be learning about healthy smart snacks. Ask them what is a healthy snack and discuss some they may have tried.
- Make a KWL (what you already Know, what you Want to learn, what you Learned) chart with the students by asking them what they know and what they want to know about 'smart' snacks. Note: Please complete the Learned portion of the KWL chart at the end of the module, after Lesson 4.
- Tell the class they'll be learning about the importance of trying new foods and snacks by reading a story.


## Steps

1. Hold Healthy Snack Picture Cards up and ask the students if they have ever tried the snacks on the card. Tell them that these foods are examples of healthy 'smart' snacks. Discuss the following:

- Ask how they feel about trying new snacks (such as excited, scared, nervous, happy, etc.). Ask about their favorite 'smart' snacks.
- Review that their favorite snack was once a new food to them. Tell them it's important to try new foods because they never know which new food will be their next favorite. Explain that the more they try new foods the easier it will be.
- Ask what makes healthy 'smart' snacks (fruits, vegetables, low-fat dairy foods, whole grains, and lean proteins in their least processed form) and why we should eat 'smart' snacks (helps make their body grow strong and gives them energy to play).
- Describe a 'smart' snack and have the class help. Explain that 'smart' snacks are not a meal but "something small" eaten between meals so we don't get too hungry. Smart snacks can be any combination of foods from the Fantastic Food Groups.

2. Read I Will Never Not Ever Eat a Tomato by Lauren Child. Discuss the following:

- Ask what foods Lola did not like at the beginning of the story, what foods she ended up trying, what foods she ended up liking.
- Ask why Lola changed her mind. Stress the importance of trying new foods, having fun while eating and eating a variety of foods.
- Remind class that though some of the snacks they have been talking about in class may be new to them, it is important to try them because those snacks might be their next favorite!

3. Optional Snack Tasting: Provide a Fun Food Experience. See Smart Snacking Module, Lesson 4, page 160.
4. Have students take home a Smart Snacking Family Page.
5. Review the Smart Snacking Snack Time Card during snack time.

## Check for Understanding

- What happens when you begin to try new foods (you begin to like more foods)?
- State one reason why it's important to eat smart snacks (to help our bodies grow strong)?
- Name one new smart snack you'll try.



## Academic Integration



## English Language and Arts

- Have class create fun names for foods named in the book or on the Picture Cards. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Have class draw a picture and write (1st grade) or dictate (Pre-K-K) their favorite smart snack and why it's healthy.
- Have the class make an All About Book describing their favorite snacks. (K-1 ${ }^{\text {st }}$ grade)


## Math

- Sort and chart the foods by food group that Lola ate in the book. (Pre-K-1 ${ }^{\text {st }}$ grade)
- List the smart snacks the students like and graph class favorites. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Extension Lessons

- Create a smart snacks chart to track snacks the class eats for the week. Discuss what types of foods the students are eating.
- Have students make chef's hats. Decorate with pictures of healthy foods that they'd like to try.
- Integrate a K-3 Move-To-Improve fitness break, such as Classroom Conga. Every time the students step out to the side they can name a healthy snack they would like to try (every $4^{\text {th }}$ beat).


## Resources

- We Like to Eat Well by Elyse April (Hohm Press, 2007)
- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum (Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Lesson 2 Healthy Snack Artwork

## Objectives



Students will be able to:

- state why it's important to eat smart snacks
- identify Everyday Foods and Sometimes Foods
- name one new smart snack that they'll try


## Supplies

Toolkit

- Healthy Snack Picture Cards
- Fruit Picture Cards
- Vegetable Picture Cards


## Additional Supplies

- Markers or crayons
- Chart paper
- Everyday Foods Handout (page 152)
- Recommended Fun Food Experience supplies (page 160)
- Optional Collage Activity: Glue, Pictures of Everyday Smart Snacks from magazines or newspapers (see list for examples)


## Everyday Smart Snacks

Fruits and vegetables
Low-fat milk or yogurt
Whole grain bread with peanut butter Whole grain bread with lean turkey

Nuts or seeds
Low-fat cheese and whole grain crackers Lite, low-salt or homemade popcorn

Whole grain cereal

## Sometimes Snacks

Chips
Cookies
Ice cream
Muffin
Cake
French fries Juice drinks

## Preparation

1. Write on the board or chart paper Everyday Foods and Sometimes Foods.
2. Choose cards that would make smart snack options from the Vegetable Picture Cards and Fruit Picture Cards.
3. Make copies of Everyday Foods Handout for each student (page 152).
4. Optional Collage Activity: Cut out pictures from a magazine of Everyday Smart Snacks such as fruits, vegetables, whole-grain crackers, low-fat milk and low-fat yogurt.
5. Recommended Fun Food Experience preparation (page 160).

## Introduction

- Tell the class they'll be learning about smart snacks by making a collage.
- Remind them that smart snacks are healthy foods from the Fantastic Food Groups that are not meals. They're something small for between meals when hungry.


## Steps

1. Ask the class to describe a smart snack. Explain that smart snacks are Everyday Foods eaten between meals so we don't get too hungry. Everyday Foods are healthy foods that will make their bodies grow strong. Everyday Foods can be any combination of foods from the five food groups.
2. Ask the class why we eat smart snacks. Explain that eating smart snacks makes their bodies grow strong and gives them energy to play.
3. Show the Healthy Snack Cards and chosen Vegetable and Fruit Picture Cards and ask students to identify what's in the picture. Review food groups, shapes and colors.
4. Tape each Healthy Snack Card up under Everyday Foods on the board or chart paper.
5. Explain that Sometimes Foods are foods to eat once in a while, but may have too much fat or sugar to be good for us to eat every day. Have the class name some "Sometimes Foods". Provide examples if they need help. Write foods up on the board or on a chart paper.
6. Give each child an Everyday Foods handout (page 152) and some crayons or markers. Ask the students to draw some Everyday Foods in the appropriate areas of the handout.
7. Optional Collage Activity: Provide or ask students to bring pictures of Everyday Foods. Using glue and the pictures, have the class make collages of Everyday Foods. Display the drawings and collages on the wall.
8. Recommended Snack Tasting: Provide a Fun Food Experience. See Smart Snacking Module, Lesson 4, page 160.
9. Review the Smart Snacking Snack Time Card during snack time.

## Check for Understanding

- Name one reason why it's important to eat healthy snacks (helps our body grow strong).
- Name a healthy snack you'd like to try.


## Academic Integration



## English Language and Arts

- Make a class book about Everyday Foods. (Pre-K-1st grade)
- Have students present Everyday Foods pictures to the class and describe the foods. (Pre-K-1st grade)



## Math

- Count Everyday Foods and Sometimes Foods on the board. (Pre-K-1st grade)
- Graph favorite Everyday Foods and Sometimes Foods.
(Pre-K-1st grade)
- Sort Everyday Foods by food groups. (Pre-K-1st grade)
- Sort and chart Everyday Foods by food groups they contain. (Pre-K-1st grade)


## Social Studies

- Hold a multicultural snack day and ask the students to bring in an Everyday Food from their culture. (Pre-K-1st grade)


## Extension Lessons

- Ask class to find two Everyday Foods and two Sometimes Foods at home.
- Integrate a K-3 Move-To-Improve fitness break, such as Pop and Stop. Use Everyday Foods as the Go foods and Sometimes Foods as the Slow foods.


## Resources

- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department)
http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


# Lesson 3 Making Our Own Snacks 

## Objectives



Students will be able to:

- know and state why it's important to eat healthy snacks
- name one new smart snack they'll try
- choose a smart snack that includes two different food groups


## Supplies

Toolkit

- Vegetable Picture Cards
- Fruit Picture Cards
- Dairy Picture Cards
- Whole Grain Picture Cards
- Lean Meat and Beans Picture Cards


## Additional Supplies

- Markers or crayons
- Picture of plate or actual paper plate for each student
- Recommended Fun Food Experience supplies (page 160)


## Preparation

1. Review Picture Cards for Everyday Foods discussion.
2. Recommended Fun Food Experience preparation (page 160).

## Introduction

- Tell the class they'll be creating snack combinations using pictures of "Everyday Foods" from the five food groups.


## Steps

1. Show a few of each type of the Picture Cards. Review food group, color and shape. Discuss that smart snacks make their bodies grow strong, gives them energy to play, and tastes good.
2. Place each group of Picture Cards on a separate table or on the wall.
3. Tell the class they're making a smart snack by choosing two foods from different food groups that go together to make a delicious healthy snack.
4. Have class volunteers choose two cards to make a healthy snack and present their snack to the class. Write each smart snack combination up on the board.
5. Repeat the activity above making healthy snacks using the Picture Cards in small groups. Example combinations might be:

- glass of low fat milk and whole grain crackers
- low-fat yogurt and fruit
- almonds and apples
- low-fat cheese and carrot sticks

6. Pass out paper plates or picture of paper plates and crayons to each child. Ask students to draw a healthy snack that they would like to try.
7. Recommended Snack Tasting: Provide a Fun Food Experience. See Smart Snacking Module, Lesson 4, page 160.
8. Review the Smart Snacking Snack Time Card during snack time.

## Check for Understanding

- Explain why it's important to eat healthy snacks (helps our bodies grow strong).
- Name one new healthy snack to try.


## Academic Integration



## English Language and Arts

- Write or draw a shopping list of ingredients needed to make an Everyday Snack at home. (Pre-K $-1^{\text {st }}$ grade)
- Create a class snack menu (Pre-K-K). Add to the menu by drawing pictures and listing healthy snack names. ( $\mathrm{K}-1^{\text {st }}$ grade)


## Math

- Compare snacks by taste, color and size in a bar or picture graph. (Pre-K $-1^{\text {st }}$ grade)
- List on a calendar when to eat Everyday Snacks (everyday) and Sometimes Snacks (1-2 times per week). (Pre-K-1 ${ }^{\text {st }}$ grade)

Extension Lessons

- Take an imaginary everyday snack hunt in the neighborhood. Create a story board using cardboard or poster board, felt, and pictures of healthy snacks found on the hunt from bodegas, supermarkets, farmers' market, or in their house. Discuss how the foods help the students to grow strong and healthy.
- Integrate a K-3 Move-To-Improve fitness break, such as Beanbag Buddies. Students can share a healthy snack idea as they pass and toss a beanbag to a partner.

Resources

- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


# Lesson 4 Healthy Snack Mural and Fun Food 

## Objectives



Students will be able to:

- state one reason why it's important to eat healthy snacks
- explain why healthy snacks are good to eat
- describe a healthy snack they'd like to try


## Supplies

Toolkit

- Vegetable Picture Cards
- Fruit Picture Cards
- Dairy Picture Cards
- Whole Grain Picture Cards
- Lean Meat and Beans Picture Cards


## Additional Supplies

- Long roll of paper or large chart paper
- Paper for drawing
- Markers or crayons
- Supplies for Fun Food Experience, see page 160


## Preparation

1. Prepare the background for the healthy snack mural:

- Draw places in the neighborhood to find healthy snacks. Include the following: corner convenience stores (such as the local bodega), local supermarket, school cafeteria and farmers' market.
- Have the class help you with as much or as little of this project as you like, depending upon the age level of your classroom.

2. Review Picture Cards and select those that would be good healthy snacks for the mural.
3. Preparation for Fun Food Experience (see page 160).

## Introduction

- Let the class know they'll make a healthy snack mural showing places to find healthy snacks.


## Steps

1. Display Picture Cards and ask the class to describe the colors, shapes and taste of the healthy snacks and the corresponding food groups.
2. Remind them that eating healthy snacks every day provides pep and energy and helps them grow strong, healthy bodies.
3. Ask volunteers to place a picture on the mural where they might find the food. Help them think about foods they see in these places that are healthy snacks.
4. Provide a Fun Food Experience. See page 160.
5. Ask the students what they've learned about healthy snacks. Complete the KWL chart.
6. Review the Smart Snacking Snack Time Card during snack time.

## Check for Understanding

- Why is it important to eat healthy snacks (helps you grow strong, gives you energy to play, and tastes good)?
- Rub your tummy if you think healthy snacks make your body strong.
- What's one new healthy snack you've tried?
- Raise your hand if you're excited to make a healthy snack at home .




## Academic Integration



## English Language and Arts

- Make a class recipe book with descriptions of the sundae.
(Pre-K $-1^{\text {st }}$ grade)
- Discuss sundae characteristics (crunchy, soft, hard, chewy) and other foods that have these characteristics. (Pre-K-1 ${ }^{\text {st }}$ grade)
- Have the students write why the sundae is a healthy snack on banana shaped paper. ( $1^{\text {st }}$ grade)



## Math

- Have the class count slices made when they cut the banana and spoonfuls of cereal and yogurt they used to make the sundae. Write this in a recipe to take home or chart this for the whole class to see. (Pre-K $-1^{\text {st }}$ grade)


## Science

- Discuss what happens to cereal when it sits in yogurt or milk and becomes soft. (Pre-K-1 ${ }^{\text {st }}$ grade)


## Social Studies

- Discuss how and where bananas grow. Look at a map of the world. Point to the places where bananas grow and describe the climate needed for banana trees. (Pre-K-1 ${ }^{\text {st }}$ grade)

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## Extension Lessons

- Make fruit sundaes using different fruit. Compare the taste.
- Make individual snack books with snacks from the student's family's country of origin. Create a cookbook and share with other classes.
- As a culminating activity, ask families to share healthy food from their country.
- As a culminating activity, create a class cookbook of all of the recipes made over the course of the year.
- Integrate a K-3 Move-To-Improve fitness break, such as Sentence Stretch. Show students how creating a sentence is similar to following a recipe and making something delicious to eat!


## Resources

- DK Children's Cookbook by Katherine Ibbs, pp. 16, 17 (DK Publishing, 2004)
- Everything Cooking for Kids Cookbook by Ronni Litz Julien, MS RD/LDN, pp. 48, 174, 184, 208 (Adams Media, 2010)
- Kids Cook 1-2-3, Rozanne Gold; Illustrated by Sara Pinto, pp. 56, 57, 75 (Bloomsbury USA Children Books, 2006)
- Mommy and Me Cookbook by Annabel Karmel, pp. 22, 24, 44, 45 (DK Children 2005)
- Someone's in the Kitchen with Mommy by Elaine Magee, MPH, RD, pp. 3, 15, 20, 21, 31, 32, 102 (McGraw-Hill, 1997)
- Williams-Sonoma The Kid's Cookbook: A great book for kids who love to cook by Abigail Dodge, p. 54 (Williams-Sonoma Lifestyles, 2003)
- United States Department of Agriculture ChooseMyPlate, choosemyplate.gov
- Eat Well Play Hard in Child Care Settings Curriculum
(Child and Adult Care Food Program, New York State Health Department) http://www.health.state.ny.us/prevention/nutrition/cacfp/ewphccs_curriculum/index.htm


## Family Pages

## 10 Tummy-Filling Snacks That Cost 25

 Cents or Less1. $1 / 2$ English muffin cheese pizza
2. 10 thin wheat crackers with peanut butter
3. $1 / 2$ egg salad sandwich and $1 / 2$ cup water
4. $1 / 2$ cup low-fat $(1 \%$ or less) milk and $1 / 2$ banana
5. $1 / 2$ tuna salad sandwich and $1 / 2$ cup water
6. $1 / 2$ toasted English muffin with peanut butter
7. $1 / 2$ cup toasted oat cereal with $1 / 2$ cup low-fat ( $1 \%$ or less) milk
8. $1 / 4$ cup crunchy cereal mix with $1 / 2$ cup low-fat ( $1 \%$ or less) milk
9. $1 / 4$ cup low-fat cottage cheese with $1 / 4$ cup fruit cocktail
10. $1 / 4$ cup vanilla low-fat yogurt and $1 / 4$ cup apple slices

Today at school your child learned why it is important to eat healthy snacks. Small children cannot eat much at one time so they get hungry between meals. Give your child good snacks to help them grow and be healthy. Let them decide how much to eat. Save money by making your own snack mix using the easy recipe below.

## Snack Mix

Yield: 4 cups
Serves: 8 adults

## Ingredients:

1 cup toasted oat cereal
1 cup wheat square cereal 1 cup reduced-fat cheese crackers
1 cup fun-shaped mini pretzels.


## Steps:

1. Pour cereals, crackers and pretzels into a medium bowl.
2. Stir.
3. Enjoy!

Note: You may put this snack into small plastic bags to carry when traveling.

Have your child help you do the bold steps.

Ways To Save Money When Shopping
$\checkmark$ Look at grocery ads to see what is on sale.
$\checkmark$ Plan your meals and snacks around weekly specials.
$\checkmark$ Make a shopping list and stick to it!
$\checkmark$ Don't shop when you are hungry.
$\checkmark$ Buy fresh fruit and vegetables in season.
$\checkmark$ Buy whole fruit and vegetables, and cut or shred them yourself.
$\checkmark$ When fresh cost too much, buy frozen or canned fruit and vegetables.
$\checkmark$ Buy frozen juice and mix with water instead of bottled juice.
$\checkmark$ Buy store brand rather than name brand items.
$\checkmark$ Buy the item with the lowest unit price.
Use this handy list to jot down what you need to buy. S)

| Breads, Cereals, and <br> Crackers | Fruits/Juice | Vegetables | Milk, Cheese, Yogurt, <br> and Eggs |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  | Canned Beans, Fish, <br> and Peanut Butter | Chicken, Turkey, <br> and Fish |
| Pasta, Rice, and <br> Noodles |  |  |  |
|  | Paper Products | Other |  |
| Baking Supplies |  |  |  |
|  |  |  |  |

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## PÁGINAS PARA LOS PADRES

## Bocadillos

 sensatos
## 10 bocadillos que llenan de bajo

 costo1. $1 / 2$ pizza de queso hecha con un panecillo inglés
2. 10 galletas de trigo integral con mantequilla de maní
3. $1 / 2$ sándwich de ensalada de huevo $y^{1} / 2$ taza de agua
4. $1 / 2$ taza de leche de bajo contenido graso ( $1 \%$ o menos) y $1 / 2$ banana
5. $1 / 2$ sándwich de ensalada de atún $\mathrm{y}^{1 / 2}$ taza de agua
6. $1 / 2$ panecillo inglés tostado con mantequilla de maní
7. $1 / 2$ taza de avena tostada con $1 / 2$ taza de leche de bajo contenido graso ( $1 \%$ o menos)
8. $1 / 4$ taza de cereales crujientes mezclados con $1 / 2$ taza de leche de bajo contenido graso ( $1 \% \mathrm{o}$ menos)
9. $1 / 4$ taza de requesón con $1 / 4$ taza de cóctel de frutas
10. $1 / 4$ taza de yogur de vainilla de bajo contenido graso y $1 / 4$ taza de manzana en trozos

Hoy en la escuela su hijo aprendió por qué es importante comer bocadillos sanos. Los niños pequeños no pueden comer mucho por vez, así que tienen hambre entre las comidas. Déle a su hijo bocadillos buenos que lo ayuden a crecer y a ser sano. Permítale decidir cuánto comer. Ahorre dinero preparando su propia mezcla de bocadillos con la sencilla receta siguiente.

## Mezcla de bocadillos

Rendimiento: 4 tazas

## Ingredientes

1 taza de cereal de avena tostada
1 taza de cereal de trigo en cuadraditos


1 taza de galletas de queso con contenido graso reducido
1 taza de mini pretzels con formas divertidas


## Pasos

1. Vierta los cereales, las galletas y los pretzels en un bol mediano.
2. Revuelva.
3. ¿Buen provecho!

Nota: Usted puede colocar este bocadillo en bolsas de plástico para llevar.

Haga participar a su hijo en la preparación de los pasos que aparecen en letra negrita.

## Maneras de ahorrar dinero cuando va de compras


$\checkmark$ Mire los avisos del almacén para ver qué productos están de oferta.
$\checkmark$ Planifique sus comidas y bocadillos con los especiales de la semana.
$\checkmark \quad$ ¡Haga una lista de compras y sígala!
$\checkmark$ No compre con hambre.
$\checkmark$ Compre frutas y verduras frescas de temporada.
$\checkmark$ Compre frutas y verduras enteras, y córtelas o desmenúcelas usted mismo.
$\checkmark$ Cuando los productos frescos son muy caros, compre frutas y verduras congeladas o en lata.
$\checkmark$ Compre jugos congelados y mézclelos con agua, en lugar de jugos en botella.
$\checkmark$ Compre productos de la marca de la tienda, en lugar de productos de marcas comerciales.
$\checkmark$ Compre el artículo con el precio más bajo.
Use esta práctica lista para apuntar lo que debe comprar. Hista de oompres

| Panes, cereales y galletas | Frutas/Jugos | Verduras | Leche, queso, yogur y huevos |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Pasta, arroz y tallarines | Frijoles, pescado y mantequilla de maní en lata | Pollo, pavo y pescado | Carne de res y de cerdo |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Productos para hornear | Productos de papel | Otros | Otros |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

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$m e$
Yield: $161 / 4$ cup servings Serves: 16 children

## Ingredients

32 ounces vanilla yogurt
15 ounce can sweet potato puree
1 tablespoon pumpkin pie spice
Sweet Potato Dip
2 tablespoons brown sugar

## 1. Mix all ingredients in a large bowl.

2. Refrigerate for at least 3 hours.
3. Serve with apple wedges ( $1 / 2$ cup apples is the serving size for preschool children) 4. Enjoy!
Have children help you do the bold steps.
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 1. Mezcle todos los ingredientes en un tazón grande.
 Ingredientes

## Rendimiento: 16 porciones

 Porción: 16 1/4 tazas $\qquad$ Salsa de Camotenve Banana Sundae
(TTY). EI USDA es un proveedor y empleador con igualdad de oportunidades.








# Verification 

 FormsEat Well Play Hard Public Schools Nutrition Program Verification Form - Flavorful Fruit

## Please complete this form each month for EWPH Nutrition Lessons that you conduct.

| Lesson 1: Eating the Alphabet From a-z | Lesson 2: Where Do Fruits Grow? | Lesson 3: Building a Fruit Rainbow | Lesson 4: Garden Mural |
| :---: | :---: | :---: | :---: |
| InSTRUCTOR: | Instructor: | InSTRUCTOR: | InStRUCTOR: |
| Date of Activity: | Date of Activity: | Date of Activity: | Date of Activity: |
| Number of Minutes: | Number of Minutes: | Number of Minutes: | Number of Minutes: |
| WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No |
| DID YOU DISTRIBUTE THE FAMILY PAGES? <br> Yes <br> No | Additional Activities/Comments: | Additional Activities/Comments: | Additional Activities/Comments: |
| Additional Activities/Comments: |  |  |  |
| Please list who was ABSENT on the day yOU DID the EWPH Nutrition Lesson: <br> 1. $\qquad$ | Please list who was ABSENT on the day you did the EWPH Nutrition Lesson: <br> 1. $\qquad$ | Please list who was AbSENT ON the day you did the EWPH Nutrition Lesson: <br> 1. $\qquad$ | Please list who was ABSENT ON The day you did the EWPH Nutrition Lesson: <br> 1. $\qquad$ |
|  |  |  |  |
| $3 .$ | $3 .$ |  |  |
| $4 .$ | $4 .$ |  |  |
| Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ |

Name (Print)
School Name:

Eat Well Play Hard Public Schools Nutrition Program Verification Form - Dairylicious Lesson

## Please complete this form each month for EWPH Nutrition Lessons that you conduct.

| Lesson 1: Delicious Dairy Foods | Lesson 2: From Carton to Cow | Lesson 3: The Bones Inside You | Lesson 4: All About Dairy |
| :---: | :---: | :---: | :---: |
| InSTRUCTOR: | Instructor: | Instructor: | Instructor: |
| Date of Activity: | Date of Activity: | Date of Activity: | Date of Activity: |
| Number of Minutes: | Number of Minutes: | Number of Minutes: | Number of Minutes: |
| WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? <br> Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No | WAS FOOD INCLUDED IN THE LESSON? $\square$ <br> Yes <br> No |
| DID YOU DISTRIBUTE THE FAMILY PAGES? <br> Yes <br> No | Additional Activities/Comments: | Additional Activities/Comments: | Additional Activities/Comments: |
| Additional Activities/COMMENTS: |  |  |  |
| Please list who was ABSENT on the day YOU DID the EWPH Nutrition Lesson: <br> 1. $\qquad$ | Please list who was ABSENT ON the day yOU DID THE EWPH NUTRITION LESSON: <br> 1. $\qquad$ | Please list who was ABSENT on the day you did the EWPH Nutrition Lesson: <br> 1. $\qquad$ | Please list who was ABSENT ON the day YOU DID THE EWPH NUTRITION LESSON: <br> 1. $\qquad$ |
| 2. |  |  | 2. |
|  |  |  | 3. |
| 4. |  |  |  |
| Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: <br> 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: 1. $\qquad$ | Please list all staff in addition to you that assisted with the EWPH Lesson: 1. $\qquad$ |

Name (Print)
School Name:


[^6]Eat Well Play Hard Public Schools Nutrition Program
Verification Form - Smart Snacking


## Please complete this form each month for EWPH Nutrition Lessons that you conduct.

WAS FOOD INCLUDED IN THE LESSON?
$\square$ YES $\quad \square$ No
DID YOU DISTRIBUTE THE FAMILY PAGES?
$\square$ YES $\quad \square$ No
AdDITIONAL ACTIVITIES/COMMENTS:
PLEASE LIST WHO WAS ABSENT ON THE DAy
you did the EWPH Nutrition Lesson:

Health


[^0]:    
    
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[^1]:    Esta receta adaptada se publica por cortesía de la Fundación Produce for Better Health y puede encontrarse en www.fruitsandveggiesmorematters.org.

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