

WHAT IS STEAM?

SCIENCE
TECHNOLOGY
ENGINEERING

ARCHITECTURE/
ART
MATHEMATICS

Education encompasses core subjects that prepare our youth to be successful and competitive in the 21st Century global economy. STEAM education fosters resilient students who become the architects, engineers, and construction professionals of the future.



WHY STEAM?

- ⚙ Kids learn problem-solving skills to become better thinkers. This makes them more prepared for job markets after graduation.
- ⚙ Demand for workers skilled in STEAM fields is continuously growing.
- ⚙ STEAM careers can offer higher pay at the entry level. Additionally, the gender gap in pay is less than in other fields.
- ⚙ STEAM fields are crucial for the future of our city and the world. The opportunities to innovate are endless!

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For additional information, please visit
www.nyc.gov/ddc or view our videos at
vimeopro.com/nycddc/steam.

Bill de Blasio
NYC Mayor

Ana Barrio
Interim Commissioner

COMMUNITY PARTNERSHIPS + STEAM INITIATIVES



“I consider myself an engineer!” - Ivelisse, 6th grader, MS 22

“I like the hands-on activities because I’m a kinesthetic learner.” - Jonathan, 6th grader, MS 22

“Thank you DDC for instilling in me a desire to pursue a career in Architecture, Engineering and Construction and guiding me to a CTE school that can help me achieve that goal. ” - Wilfredo, 9th grader, Bronx Design and Construction Academy

“The DDC STEAM Initiatives is highly effective in cultivating curiosity...It’s empowering these children because it’s allowing them to think of themselves as engineers.” - Monique Jarvis, LeAp Deputy Supervising Director



NYC
Bill de Blasio
Mayor

NYC
DDC
Department of
Design and
Construction

WHO WE ARE

The Department of Design and Construction created the STEAM Initiatives Division to establish an inclusive path for New York City’s Youth into the architecture, engineering, and construction fields. Our outreach programs create valuable, hands-on opportunities for students to learn about the built environment and the resilient future of New York City as outlined by the Mayor’s OneNYC Initiative. Our unique programs enhance student awareness of STEAM subjects and support them in pursuing these fields beginning in the middle school and continuing through high school, college, graduate school, and professional careers.



Deputy Commissioner Lee Llambelis (center) and members of STEAM Initiatives

