

A photograph of three students in a classroom setting. In the foreground, a young girl with long brown hair and purple-rimmed glasses is looking intently at a small electronic device. To her left, a boy with glasses and a dark blue sweater is also looking at the device. On the right, the profile of another student with dark hair is visible. The device they are working on is a white LittleBits kit with various colored components and a blue pen resting on it. The background is softly blurred, showing other people and a bright, indoor environment.

littleBits™ education

LITTLEBITS + NYC DEPARTMENT OF EDUCATION

**SUMMER IN THE CITY:
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The largest school district in the country has selected littleBits as a learning tool for 2,100 students in grades 2-5 for their summer STEM enrichment program! This free five-week program will engage students in an innovative and fun summer learning program designed specifically around science, technology, engineering, and math. The NYCDOE is funding the program, with support from littleBits in creating the curriculum and teacher training materials.

WHAT'S THE NYCDOE GETTING?



STATS: 2100 students, 105 teachers + 5 instructional coaches, 5 school sites



INSTRUCTION: Teachers get 6 in-person PD training hours and will teach with littleBits for 8 hours each week



TEACHER MATERIALS: 2 STEAM Student Sets, 1 Gizmos & Gadgets Kit, 1 teacher workbook



STUDENT MATERIALS (PER 21-STUDENT CLASSROOM):

1 classroom craft pack, 7 STEAM Student Sets, 21 student workbooks



SAMPLE FIVE-WEEK COURSE SYLLABUS (GRADES 2-3)

- 1 Get acquainted with the Bits and the littleBits Invention Cycle.
- 2 Start with step-by-step instructions, then challenge students to improve that invention.
- 3 Design a totally original invention for the classroom of the future.
- 4 Use the Invention Cycle to create a complex invention that improves someone's daily life.
- 5 Use the Invention Cycle to create an intricate Rube Goldberg-esque chain reaction contraption.

