CODING OFF THE GRID
AMERICAN MUSEUM OF NATURAL HISTORY

• Curriculum Developed by AMNH
• Beacon Summer Program (2 weeks)
• Computer Science and Ornithology
• TA’s from CUNY and P-Tech
• Two trips to AMNH
70 CORNELL TECH STUDENTS TAKE ROOSEVELT ISLAND BY STORM
ALL STAFF PROFESSIONAL DEVELOPMENT

- Led by consultant Kelly Brandon
- Intro to CS education
- Six sessions
- All teachers
CS INTEGRATION IN 4th/5th GRADE MATH & SCIENCE
PARENT CODING NIGHT
FOURTH GRADE VISIT TO GOOGLE & CORNELL TECH
TEACHING THE BROWNIES ABOUT GAME DESIGN
THIRD GRADE ALGORITHM LESSON
Sandwiches for Seniors
SEP JR: THE DOE ELEMENTARY CS PILOT

- PS/IS 217 selected from 115 schools applying
- Four teachers – 2 upper, 2 lower elementary
- Summer PD
- Yearlong implementation support
- Students learn age- and grade appropriate computational thinking and computing concepts
- Teachers get more comfortable teaching CS
TEACHER IN RESIDENCE

• Three years of funding from the Siegel Family Endowment
• One day/week at PS/IS 217
• Professional and curriculum development
• Teach model lessons
• Support SEP Jr. and CS integration
Computing Through the Grades at PS/IS 217

- Teachers Grades PK-8: Intro to K12 Computer Science
- 6th-8th Grade: Let’s code Roosevelt Island
- 5th Grade: CS integration
- 4th Grade: Google trip and CS integration
- 3rd Grade: Sandwich algorithms
- And…