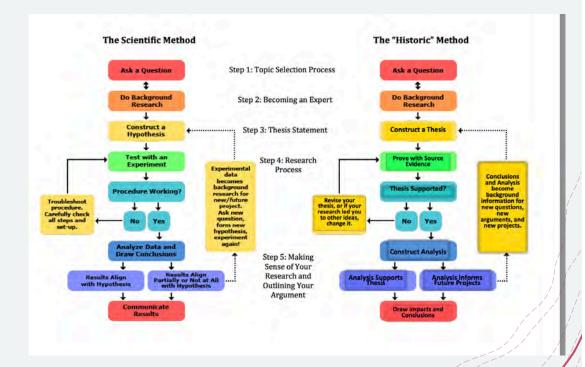


## Technology engages and facilitates higher level learning

- + Students used iPads, Legos and BrainPOP software programs to develop and program their robots.
- Technology allowed them to design and program as well as to make modifications along the way.
- Students met new friends, both from their home schools and from other schools in the city.
- Students engaged in collaboration, critical thinking, problem solving and creating.
- Mentorships occurred between high school and elementary school students during the afterschool program.
- Through hands-on learning, students utilized the Scientific Method.
  Teachers also implemented the program into their Science, Math, Social Studies and ELA classrooms.
- + Students had fun while learning complex skills and content knowledge.

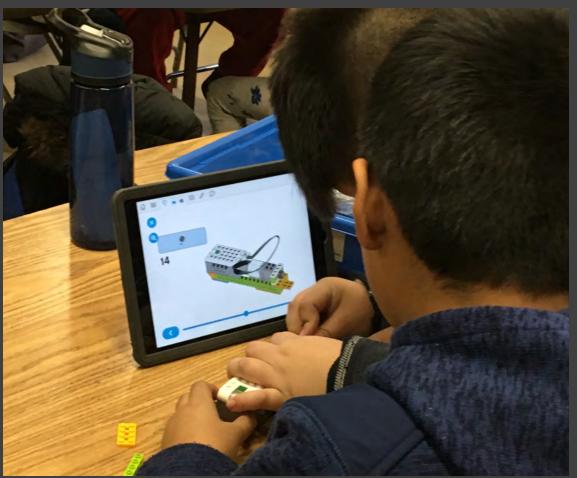


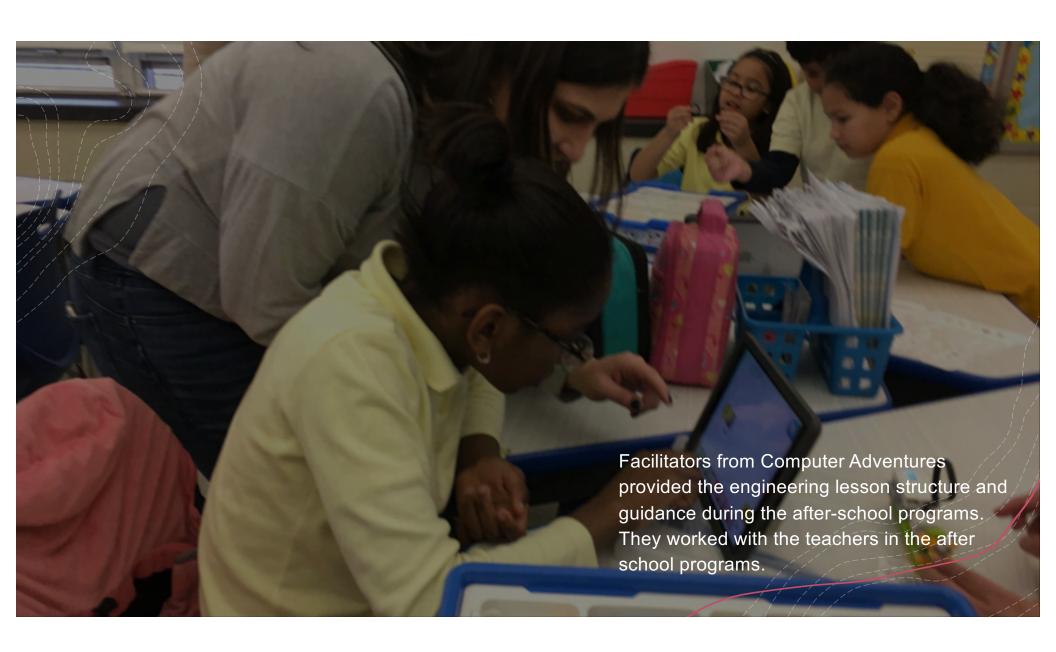




























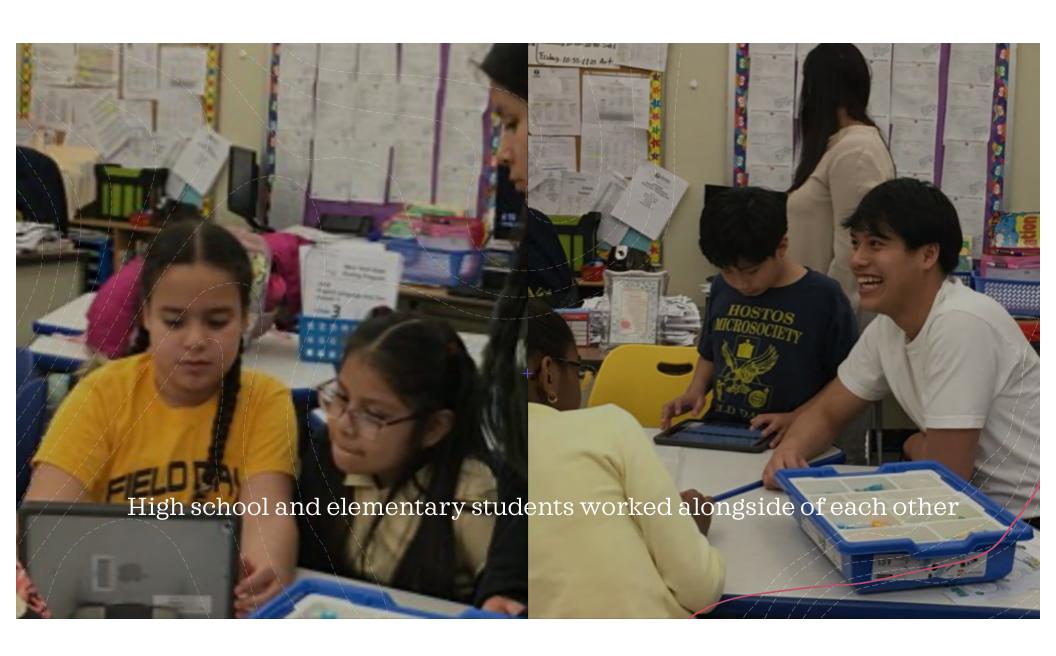




## Student Volunteers

Students from Yonkers Public Schools' 8 high schools volunteered their time each week to work with elementary students in the LTG program. The students used public transportation to meet with students at their sites for at least 2 hours each week. Many of the high school students were members of their school's Robotics teams, most excelled in Science or Math, and all enjoyed mentoring the 3rd and 4th graders in the program.





## Teachers as facilitators of learning

Teachers worked closely with students facilitating the learning. Using the inquiry model, students learned through collaboration with their peers, problem solving and creating. Many new friendships were developed during the afterschool programs, which brought together students from different grade levels and, in some cases, from different school systems.







## The following schools were part of the Yonkers Public Schools LTG program

- + Eugenio de Hostos
- + Family School 32
- + Martin Luther King Jr. Academy
- + School 22
- + The Andalusa School
- + Andrus Orchard School
- + St. Anthony's School
- + St. Peter's School
- + Stein Yeshiva

For more information, please contact Dawn Bartz, Executive Director of Social Studies, Science, Instructional Technology and Distance Learning at dbartz@yonkerspublicschools.org