



# 2020 YONKERS ENGINEERING ACADEMY DESIGNING AND BUILDING THROUGH **MINECRAFT** EDUCATION

Montessori School 31

7 Ravenswood Rd, Yonkers, NY 10710

July 7, 2020 – July 30, 2020

8:30 a.m. – 12:30 p.m.

**FOR STUDENTS WHO ARE CURRENTLY IN GRADES 3 THROUGH 5**

Students will develop and practice engineering skills through the creation of virtual 3-D buildings and cities using **Minecraft Education**, under the guidance of their teachers, and using a district-supplied software program. Students will study unique building designs, energy sources, and sustainable (environmentally-friendly) materials that they will consider in their creation of a 3-D building using these techniques. The software, provided free through the district, will allow students to work both independently and collaboratively as architects.

## PROGRAM HIGHLIGHTS

- Instruction in Engineering principles
- Applying learning to the creation of 3-D buildings using Minecraft Education
- Virtual field trips to study architectural and scientific design principles
- A virtual gallery walk of the class city

**To register, fill out the online form**

**[www.yonkerspublicschools.org/SummerPrograms](http://www.yonkerspublicschools.org/SummerPrograms)  
or call (914)-376-8272**

Applications are due by June 26, 2020.  
Registration is first come, first served.

**ATTENTION!**