

STEM

SCIENCE, TECHNOLOGY, ENGINEERING & MATH

STEM learning invites collaboration and creativity among our Kindergarten - 5th Grade students. STEM students develop social skills, learn cooperation, enjoy project - based learning, apply knowledge to real-life situations and use technology to engineer solutions to actual global problems, such as building bridges or supplying water.

Students use materials such as:

- iPads
- 3D Printers
- Computer Coding
- Dash and Dot Robots
- [Spheros Robots](#)
- Ollie Robots
- Ozobots
- littleBits: Electronic Building Blocks
- [LegoMindstorms](#)
- [Makey Makey](#)
- Legos
- K'Nex
- Magnetic 3D Shapes
- Marvel Marbles

By working through problems collaboratively, students understand the variables involved in the problem and are able to see the viewpoints of others. Students will work through the design thinking process during each STEM experience.