



### What is S.T.R.E.A.M?

Designed for students in grades 4 to 7, STREAM is a comprehensive academic program that engages your child through the use of science and technology and encourages personalized learning and critical thinking across the curriculum. By engaging your child's inherent passion for learning, the STREAM program encourages learning in a way that develops creative thought, independence, and critical thinking. Our STREAM Makerspace provides an environment rich with possibilities, and the opportunity to connect and work on personally meaningful projects.



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stream  
science, technology, robotics, engineering & math



# Create, Tinker, Remix, Remake

## What makes a MAKER?

- Makers believe that if you can imagine it, you can make it. We see ourselves as more than consumers — we are productive; we are creative. Everyone is a Maker, and our world is what we make it.
- Makers are self-directed. They seek out opportunities to learn to do new things, especially through hands-on, DIY (do-it-yourself) interactions.
- Makers comprise a community of creative and technical people that help one another do better. They are open, inclusive, encouraging and generous in spirit.



In STREAM we develop the Maker mindset, a growth mindset that encourages students to believe that they can learn.

## In STREAM students will learn...

- How to solder
- How to take apart anything
- How to build a simple circuit
- How to code in SCRATCH
- Design and print 3D objects
- Make a musical instrument
- Learn to knit & sew with FLORA
- Make a Sumo Bot & Lego robot
- Build a computer with KANO

## What is a Makerspace?

A Makerspace houses a community of Makers. It's a place where students come together to learn how to use a new tool or material in a new way, or to see what others are working on because they might want to help out on that project or start something similar.



## In our classroom...

Students learn to solve new problems, discover and explore while using a variety of tools, learn new ways of thinking, work together, inspire others, and give advice and guidance to their peers.

### Join Us for a...

**5 Day Program**

Or

**3 Day\* Program**

\*structure determined by classroom teacher

**fresh grade:** Teacher captures, documents & communicates meaningful examples of student learning through digital portfolios. While parents are provided on-going communication that matters, students are given the opportunity to have a voice in their learning

