

ELEMENTARY STEM



with Mrs. Davis

Elementary STEM is a place for students to wonder, create, explore, collaborate, and learn through doing! Throughout the year, students will participate in hands-on STEM experiences that blend science, technology, engineering, math, literature, and social-emotional learning (SEL).

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★ Stem Stars

In STEM, we work together as a **team!** Each class can earn up to **4 STEM Stars every time we meet** by showing the habits that help us learn, create, and work successfully together. Classes can earn a star for:

★ **Ready to Learn** – We come in ready to listen, learn, and create.

★ **Teamwork** – We work together, include others, and encourage our teammates.

★ **STEM Mindset** – We try new things, solve problems, learn from mistakes, and don't give up.

★ **Clean Up** – We take care of our STEM space, materials, and tools.

🚀 Level Up

Our STEM Stars also help our class **LEVEL UP throughout the year!** As a class earns more stars, they will move through different STEM levels—from **STEM Explorers** all the way to **Master Makers!**

Each class will have a **STEM Level Chart** so students can see their progress and celebrate as they reach new milestones.

The goal isn't to compete with other classes. Instead, each class is working together to **grow as a STEM team** and see how far they can level up by the end of the year!

A big part of our STEM class will be learning to think like engineers. Students will use the **Engineering Design Process** to **ask questions, imagine possibilities, plan solutions, create, test, and improve their ideas.** We will celebrate mistakes as part of learning and encourage students to keep trying when something doesn't work the first time.

📖 Literature + STEM

Books and stories will often be the starting point for our STEM adventures! We will use read-alouds and children's literature to introduce problems, spark curiosity, build background knowledge, and inspire students to design and create.

❤️ SEL + Teamwork

STEM isn't just about building things—it's also about building important life skills! Students will practice **communication, teamwork, problem-solving, perseverance, flexibility, creativity, and responsible decision-making.** We will learn how to share materials and ideas, listen to teammates, handle frustration, and encourage one another.

🔧 Monthly Makerspace Days

Once each month, students will participate in a special **Makerspace Day!** These days will give students additional freedom to create, build, experiment, and explore using a variety of materials and STEM challenges. Makerspace is all about **creativity, curiosity, and learning through trial and error.**

Most importantly, I want STEM to be a class where students feel excited to take risks, share **BIG** ideas, get a little messy, and discover just how much they are capable of creating!

2026
2027