

Elementary STEM:

STEM Education is at Glenn Curtiss Elementary School! STEM Education provides students with opportunities to learn Science, Technology, Engineering, and Mathematics skills in an innovative way to help prepare students to be career and college ready. STEM Education includes rigorous academic concepts within real-world connections. The focus of STEM Education includes inquiry-based learning, collaboration, note booking, and reflective thinking. Students are engaged and able to learn through hands on experiences with explicit classroom investigations. We welcome STEM as another way for our Lakers to grow as learners, problem solvers and thinkers.

The following investigations will be taught at each grade level:

3rd Grade	4th Grade	5th Grade	6th Grade
Measurement	Matter and Energy	Mixtures and Solutions	Variables
Engineering Design: Packaging Design	Engineering Design: Rocket Challenge	Levers and Pulleys	Engineering Design: Lifejacket Design
Water	Magnetism and Electricity	Engineering Design: Trebuchet Challenge	Weather and Water
Engineering Design: Water Wheel	Sun, Moon, and Stars	Environments	Engineering Design: Save the Penguins
Structures of Life	Engineering Design: Moon Lander Challenge	Engineering Design: Water Filter	Planetary Science
Engineering Design: Potato Chip Factory			

Mr. Robert Sherburn is our building STEM (Science, Technology, Engineering, and Mathematics) mentor. He is helping implement STEM in our building by working with teachers and students in classrooms and helping them problem solve. He is in our building one day per week and has been a real asset to our program. Thank you Mr. Sherburn!