

A STEM focused curriculum develops a variety of skills that are essential for student success. *Reasoning, Critical Thinking, Teamwork, Investigation, Problem Solving, Creativity, Innovation, Communication, and Collaboration* are tools that students can use throughout their academic studies and in future careers.

At King Springs, STEM is not a stand-alone class; it is a pathway to intentionally incorporate different subjects across an existing curriculum.

KSE is equipping our students with a STEM education that utilizes innovative teaching tools and enrichment opportunities.

- * 2 Computer labs
- * Laptops and computers in media centers
- * Science Olympiad Team
- * All-Grade Science Fair
- * iPads in every classroom
- * Star Lab inflatable planetarium
- * Bee-Bot programmable robots in K-1 classrooms
- * STEM Clubs: Chess, Robotics, LEGO, Drones, Virtual Reality, etc.

- * 2 STEM teachers
- * 2 Part-time Technology Coordinators
- * STEM Night
- * Learning Gardens (vegetable, butterfly, tower)
- * 4 Grade level STEM challenges per year:
 - chemical change
 - magnetic properties
 - force & motion
 - rocks + geology
 - solar system
 - simple mechanics