

KING'S ELEMENTARY - DISCOVERY FRIDAYS

DISCOVERY Fridays™ provide exciting, innovative, enriching lab opportunities for all students in the areas of Science, Technology, Engineering, Math, Robotics, Art and Music. These high interest and interactive sessions are team taught in grades K-3 and in a multi-grade format in 4-6. Every lab enhances and inspires students in their **hands-on inquiry learning lab**. Parents are highly encouraged to participate, observe or assist teachers throughout DISCOVERY Fridays™! Student STEMologists in K-3 rotate as a class through 3 creative labs with their 3 grade level teachers as they experience first-hand, new learning styles and academic interests. Innovative, engaging, paired, and cooperative learning groups open up a new world of exploration and discovery for our primary students.

Student STEMologists in grades 4-6 self-select labs from 15 courses taught by classroom teachers and specialists. These multi-grade investigations encourage leadership, cooperation, innovative thinking and creativity as students are engaged in solving problems through inquiry learning.



Sample Labs: STEM/STEAM (Science, Technology, Engineering, Art, Math/Music)!

Kindergarten - Third Grade

- ◆ Explore shapes and colors
- ◆ Journey through Space on iPads
- ◆ NASA Exploration Design Challenge
- ◆ Math Around the World
- ◆ Marvelous Math
- ◆ Ice Cold Chemistry
- ◆ WeDo Robotics
- ◆ Amazing Aviation: Blast Off with Rockets!
- ◆ Blockbuster Buildings!
- ◆ Bridge Construction
- ◆ Sink or Float?
- ◆ Design a Spinning Top
- ◆ Tornado in a Bottle!
- ◆ Rethink and Reuse!
- ◆ Construct 3D Puzzles!
- ◆ Lego Merry-Go-Round

Fourth - Sixth Grade

- ◆ 3D CAD with Sketch Up Make!
- ◆ Bubbleology & Oobleck: Bubble Technology
- ◆ Mock Trial: Guilty or Innocent?
- ◆ EduCaching: GPS/Smart Devices
- ◆ KELM News: Journalists, Producers, Videographers
- ◆ STEM City: Urban design and Engineering
- ◆ Everyone Plays: Game Play and Exploration
- ◆ Scratch: Animation
- ◆ Dare to Design
- ◆ Robotics: NXT Robots and Beyond
- ◆ Minecraft: Imagination is the only limit!
- ◆ Math Olympics: Team Challenges
- ◆ Catapult into STEM: Design, Construct, Engineer
- ◆ Make Some Noise: Song Writing and Digital Music
- ◆ Instrumental Music: High School Mentors
- ◆ Mission Possible
- ◆ Weird Science: Manipulating Properties
- ◆ Art: Recreate, Recycle, Repurpose