STEAM EXPLORERS CLUB

AFTER-SCHOOL ENRICHMENT AT YOUR SCHOOL • 2:00-3:00



Build • Design • Experiment • Create

Hands-on STEAM projects that build:

- Creativity
- Problem-solving
- Confidence

Weekly design challenges, experiments, and engineering builds.

Limited Spots Available

MON — Kensington

TUE — Wesley Chapel

WED — Western Union

THU— SV Primary

FRI — Antioch

ENROLL TODAY

STEAM Explorers Club Curriculum

Examples of lessons presented in the club that blend
Science, Technology, Engineering, Arts, and Math through building, experimenting, and creating.

Balancing Butterfly Explore balance and center of gravity by designing a butterfly that can perch and stay stable.

Coffee Filter Tie Dye Balloon
Learn color mixing and capillary action as dye travels through a coffee filter to make patterns.

Tabletop Rocket
Investigate air pressure and thrust by launching a small rocket using simple materials.

Scratch Art
Discover layering and contrast by revealing hidden colors through controlled scratching techniques.

My Camera
Understand how light forms images by creating a simple camera model.

Flip Animation
Learn sequencing and persistence of vision by making drawings that "move" when flipped.

First Aid Doctor Bag
Practice basic health and safety by assembling a first-aid kit and learning what items do.

Pinch Pot Screamers
Explore clay properties and 3D form by shaping a pinch pot and adding creative features.

Paper Plate Snakes
Build fine-motor and pattern skills by transforming a plate into a spiraled, decorated snake.

Elephant's Toothpaste
Observe a fast chemical reaction that produces gas and creates foamy expansion.

Marshmallow Pyramid
Strengthen engineering thinking by designing a stable structure using shapes and supports.

Dancing Lava Lamp
Explore density and reactions by creating blobs that rise and fall like a lava lamp.

Simple Shapes Identify and combine shapes to build stronger designs and recognize patterns in structures.

Orbits
Learn how gravity affects motion by modeling how objects move around other objects in space.

DNA Bracelets
Discover DNA structure by building a model that represents patterns and inherited traits.

Pet Masks
Explore animal features and creative design by making a mask that represents a chosen pet.

Rock Monsters
Practice imaginative design and observation by transforming rocks into character creations.

Mathemusical Maracas
Connect math and sound by creating instruments and exploring rhythm, counting, and patterns.

Robotic Hand
Investigate engineering and biomechanics by building a working model that mimics hand motion.

Magnet Magic
Explore magnetism by testing attraction, repulsion, and magnetic force through simple experiments.

Solar Eclipse
Understand the Sun-Earth-Moon system by modeling how eclipses happen and why they are rare.

Clay Hand Bowls
Learn sculpting and form by shaping clay using hand-building techniques.

Radial Designs
Explore symmetry and geometry by creating repeating patterns around a center point.

Dough Circuits
Learn basic circuitry by using conductive dough to power simple lights and connections.