

Registration

Register your student online at www.waltonhigh.org under the Academics menu, select STEM Academy

For more information about **Puzzles and Logic Camp** visit www.waltonmathteam.com

For more information about a variety of camps offered by **Walton Robotics** visit www.waltonrobotics.org

Walton High School

STEM

Summer Camps

An offering of summer camps for elementary and middle school students



2018 Camp Dates

Science Camp, May 29-31

Puzzle Camp, June 4-7

Robotics Camp, June 11-14

Forensics Camp, June 25-28

Coding Camp, July 2, 3, and 5

STEM

Science Technology Engineering Math



Overview

Walton High School STEM Academy is offering five summer camps in various areas of STEM education. Each camp is designed for a specific age group. Students should bring lunch, including a beverage. All other supplies will be provided. All camps are held on Walton's campus.

Robotics Camps

June 11-14

8:00 am – 3:00 pm

Cost: \$200-\$300

Ages: vary from rising 6th grade - rising 9th grade

Camps offered by Walton Robotics include a LEGO EV3 Robotics Camp, a Drone and STEM Camp, an Advanced VEX Robotics Camp, and a JAVA Coding Camp. A description for each of these camps including age requirements and cost may be found at waltonrobotics.org.

Puzzles and Logic Camp

June 4 – 7

9:00 am – 3:00 pm

Cost: \$225

Ages: rising 4th grade - rising 8th grade

Everyone loves a good puzzle and puzzles come in all shapes and sizes. In Puzzle Camp, students will study strategies for solving problems through the use of a wide variety of puzzles and logic games. Each day students will explore several different types of puzzle (numbers, words, logic, etc.) at a variety of levels of complexity. Which kind of puzzle will be their favorite? All of them, of course.

Science Camp

May 29-June 1

9:00 am – 3:00 pm

Cost: \$325

Ages: rising 4th grade - rising 8th grade

Physics, chemistry, and biology, oh no! Science is everywhere. It is in the structures we make, the living organisms around us and in us, the planets and stars and so much more. Science is a way of thinking. Students will explore several different fields within science through experiments and hands-on activities. Each day will have a different focus, allowing students to experience a variety of scientific concepts.

Forensics Camp

June 25-28

9:00 am – 3:00 pm

Cost: \$350

Ages: rising 4th grade - rising 8th grade

With today's explosion of television programs and media coverage of the latest advancements in the forensic sciences, young people have become fascinated with anything relating to the work of the forensic scientist. In this camp, students will study the basics in the science of detection. They will have a chance to examine a "crime scene," gather clues, study the clues using science, and draw conclusions supported by that science.

Coding Camp

July 2, 3, and 5

9:00 am – 3:00 pm

Cost: \$325

Ages: rising 4th grade - rising 8th grade

Smartphone apps, robots, video games, small business—the world runs on code. Software jobs are predicted to grow 34% in the next few years, making coding and app development the world's most in-demand skills. In this camp, students will learn to program with blocks and written code. They will also build circuits and control systems using Arduino.