



SECONDARY CODING, ROBOTICS, & FILMMAKER'S ACADEMY SESSIONS

Filming

Beginner Filmmaking: Lights, Camera, Imagination!

Students will learn the basics of filming, such as storyboarding, using different camera angles/shots, and other techniques.

Beginner Editing: WeVideo Workshop

Students will learn the basics of editing media in WeVideo, including adding titles, transitions, sounds, splicing, and more.

Advanced Editing: Transforming Movies with Magic!

Prerequisite: Experience with WeVideo editing

Students will learn advanced WeVideo skills to improve their filmmaking, such as adding voice narration, green screen effects, sounds effects, and more.

Animated Adventures with Stop-Motion

Prerequisite: Experience with WeVideo editing

Students will learn how to create a stop motion animation, where physical objects are moved in small increments and photographed at every step.

Photography

Picture Perfect: A Beginner's Guide to Photography

Students will learn the basics of taking quality photographs to showcase the subject of the photo.

Pixel Playground: Photo Editing Fun

Students will learn the basics of editing their photographs to showcase their creativity and their perspective as an artist.

Coding

Beginner Scratch

Students will learn the basics of coding in the Scratch platform.

Advanced Scratch

Prerequisite: Experience with coding in Scratch

Students will dive deeper into creative coding and programming with activities designed to take their skills to the next level.

Advanced Text Based Coding

Prerequisite: Experience with a text based language.

Explore the exciting world of text-based coding in this hands-on session tailored for learning the fundamentals of programming using text commands and create their own interactive projects.

Robotics

Lego Spike

Students will use the Lego Spike robot to solve an engineering problem.

Prerequisite: Experience with block based coding

Flying Higher with Drones in Aviation

Students will program drones using code blocks to solve a series of challenges. This session will have limited capacity.

Tech Avengers Academy

Students will design their own superhero equipment using problem-solving and engineering.