

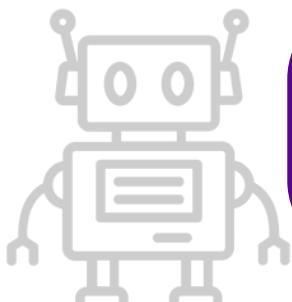
# Sneak Peek!

### Digital Detectives

Campers will be cyber detectives by investigating real-life digital scenarios, exploring topics like deepfakes, AI, and online safety. They will work together to identify what is real and what is not.

### Bot To The Future

Campers will be designing their own wiggle bots using motors, batteries, and craft materials, learning how vibration and material properties influence movement.



### Rubber Band Racers

Campers will build and race their own rubber band-powered cars while learning about stored energy, and how force impacts distance and speed.

### Watts The Buzz

Campers will experiment with simple snap circuits to discover how electricity powers devices around us. They will explore the roles of energy sources, switches, and loads as they light bulbs.

### Code Me A Picture

Campers will be using coding logic to effectively communicate and give instructions to another camper in order to complete a drawing while the other draws.

## Reaction in Action



Using a fizzy mix of baking soda and vinegar, campers will launch chemical-powered boats and discover the science behind gas production and propulsion.

## Little Aliens

Campers will be taking a close look at microorganisms by analyzing pond water and other small items under a microscope.

## Can You Catch The Phish?

Campers will be analyzing fake emails and messages by learning how to spot identify red flags and what actions they should take to avoid being tricked on the internet.

## Capture The Cell

Campers will explore the human body systems through interactive learning. Afterwards, they will test their knowledge with a game of "Capture The Cell" outdoors to identify organ functions.

## Code and Clash

In this activity, campers will use visual block-based programming to create a challenging game of rock, paper, scissors, and compete against each other.

## Storm Shriner

Campers will be tackling on the role of engineers by designing and building storm-resistant safe houses. They will be applying the engineering design cycle and understand the impact storms have on buildings.

Smile!

## Sim-Thing is Wild

Campers will be crafting fun and colourful bead buddies in a shape of a smiley face. Understanding concepts such as UV light to brighten someone's day.

Matter Tag

Campers will design and create their own unique alien creatures while exploring genetics, traits, and heredity. They'll learn how features can be passed down through generations and how to model diversity.

## Case of The Broken Trophy

Using math-based logic, teamwork, and clue-solving skills, campers will become detectives in a fun mystery game. They will rotate through stations involving time, probability, and puzzles.

BrickFlix

Campers will become filmmakers as they plan, build, and animate short LEGO stop-motion stories. From scripting to taking pictures, they will explore storytelling, sequencing, and animation.

# Group Activities

## Liquid Nitrogen Ice Cream

See your ice cream made in record time! Enjoy a scoop of extra creamy ice cream, made using Liquid Nitrogen right in front of your eyes!

## Friday Fun

A jam-packed afternoon of life-sized games, water sports, Freezie fun, and chalk drawings! End your week with ESQ with a bang!

## Camp Trivia

Hope you were paying attention, because it's time to put your knowledge to the test! Compete with your fellow campers in a game of trivia!