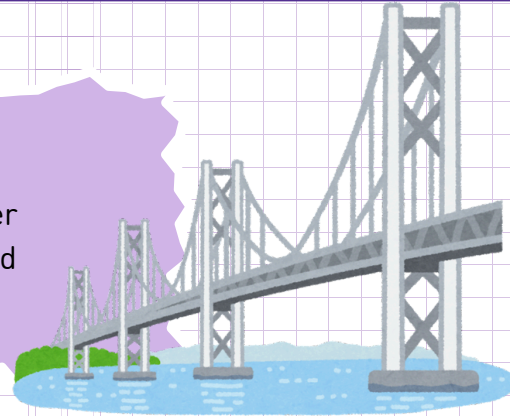


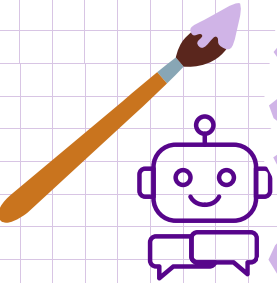
Bridge Battles

Fold, test, and see whose bridge reigns supreme! Campers will fold paper into bridges and put them to the ultimate test, discovering how shape and structure determine just how much weight their creation can hold!



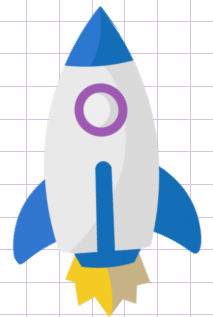
Picture this!

What happens when art meets code? Campers will use Scratch to build their very own interactive program that creates a unique work of art based on how users interact with it!



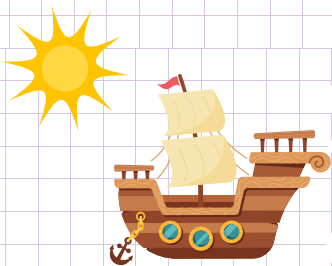
Blast off challenge

3, 2, 1... blast off! Campers will harness the power of a classic chemical reaction to launch their very own rockets and explore the science behind real space exploration!



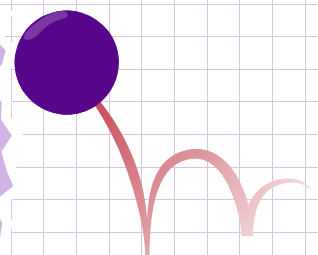
Bead Buddies

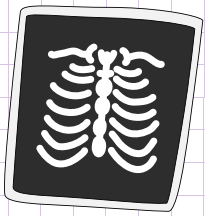
What happens when sunlight meets your accessories? Campers will craft their own colour-changing bead keychain, picking from two fun designs and discovering the science behind UV-reactive materials!



Build a Bouncy Ball

What happens when you mix a few simple ingredients together? Campers will craft their very own bouncy ball and explore how energy and elasticity determine just how high it can bounce!



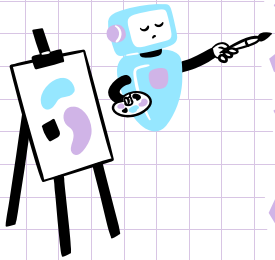
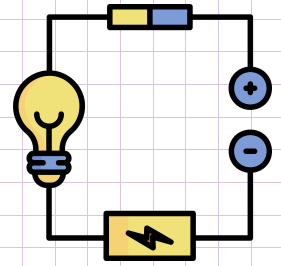


X-citing X-rays

What secrets are hiding beneath the surface? Campers will discover how X-rays reveal the invisible, from detecting objects inside living bodies to exploring how AI is being trained to assist in real veterinary medicine!

Snappity Snap Circuits

What does it take to bring a circuit to life? Campers will snap together real circuit components and explore how electricity flows to power the technology we use every day!

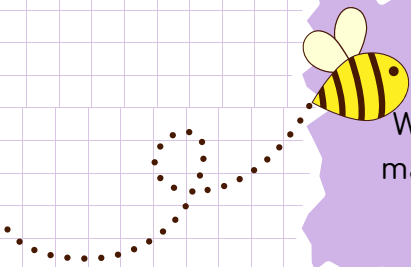
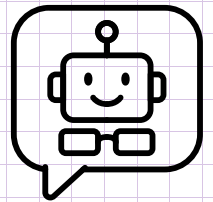


Robot, draw me a picture

What does it take to bring a circuit to life? Campers will snap together real circuit components and explore how electricity flows to power the technology we use every day!

Oops, my AI made a mistake

Even the smartest technology can make surprising mistakes! Campers will investigate real cases of AI gone wrong, uncovering why biased data can lead to unfair outcomes and what we can do about it!

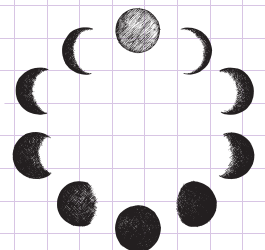


Bee the change

What if you could help nature thrive right in your own backyard? Campers will map out a real pollinator garden like a drone and craft their own biodegradable seed ball to take home and plant!

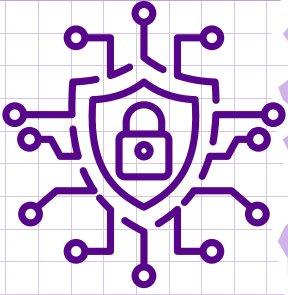
Lunar Lookout

Why does the moon look different every night? Campers will explore the science of moon phases and uncover how we came to understand our place in the solar system!



Mentor Visit

Real people, real stories! Campers will have the chance to meet and learn from a mentor in the community, getting an inside look at the exciting paths a love of learning can lead to.

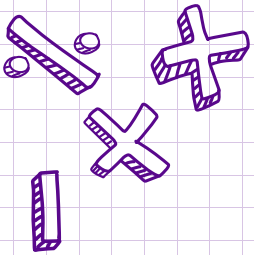
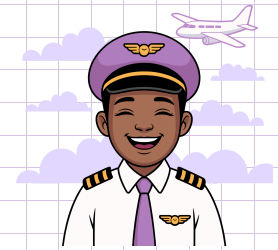


Keys Keeping Secrets

Can any secret code ever truly be unbreakable? Campers will dive into the world of encryption, from ancient ciphers used by Julius Caesar to the cutting-edge methods keeping our digital world safe today!

Paper Pilot Academy

What does it take to build the ultimate flying machine? Campers will experiment with paper airplane designs and put them to the test with a custom launcher they build themselves, exploring the aerodynamics behind every fold and flight!



Add it up!

Can your math skills lead you to victory? Campers will solve addition and subtraction problems and race to find the answers on their bingo cards in a mathematical twist on a classic game!

Curiosity Corner

What STEM topic sparks your curiosity the most? Campers will create their own craft booklet on a topic of their choice and showcase their expertise on the last day of camp!

