

Sneak Peek!

Bug Bead Buddies

Learn about UV and the sun while creating a buddy out of beads! Make a firefly keychain with beads that will change colour in the sun.

Dive into the science of bouyancy with Dino Overboard! In this activity campers experiment with buoyancy of different materials to make a lifejacket for a Dinosaur.

Dino Overboard!

Green Garden Gnomes


Get your hands dirty creating green garden gnomes! Create your own grass chia pet and see how it grows and changes throughout the week.

Test your collaborative skills in this coding-teamwork activity. Get coded by another camper and build an object from LEGO—without being able to see!

Code & Construct

Curiosity's Mission

Design, build and drop your own Mars lander to protect a crew of LEGO astronauts from crash landing! Learn about Mars rovers and how they landed safely on another planet.



Learn about how to be safe on the internet while playing this fun STEM game. Protect your private information from hackers and answer security questions from leaders.

Info Snatchers

Rotor Racers

Learn about how helicopters fly while building your own. Campers will be making a rubber band powered helicopter that will fly high into the sky!

Ever wonder how plants absorb light? Extract chlorophyll from spinach leaves and see how it changes colour under bright light.

Leaf Light Lab

Scene of the Crime


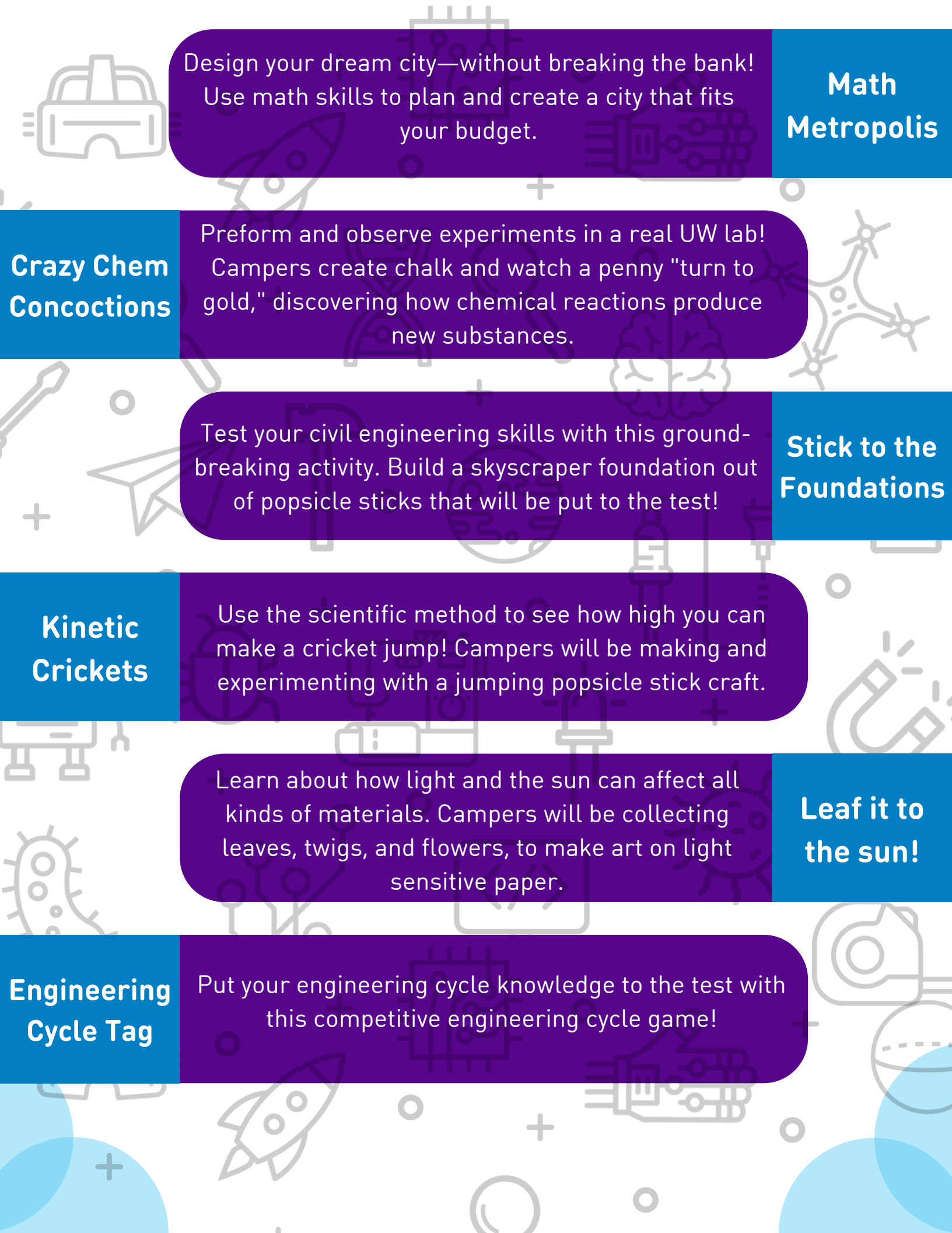
Campers will go on a nature scavenger hunt and search for nature objects around campus all while learning about ecosystems.

Explore the basics of coding and computers with micro:bits. Campers will be block-coding micro:bits to show different emotions when different buttons are pressed.

Micro:bit Mood Machine

Snap 'n' Spark

Snap together circuits to explore how electricity powers lights, sounds, and motion. Campers will get to explore circuits on their own to figure how what components make circuits run.



Design your dream city—without breaking the bank!
Use math skills to plan and create a city that fits
your budget.

Math Metropolis

Crazy Chem Concoctions

Preform and observe experiments in a real UW lab!
Campers create chalk and watch a penny "turn to
gold," discovering how chemical reactions produce
new substances.

Test your civil engineering skills with this ground-
breaking activity. Build a skyscraper foundation out
of popsicle sticks that will be put to the test!

Stick to the Foundations

Kinetic Crickets

Use the scientific method to see how high you can
make a cricket jump! Campers will be making and
experimenting with a jumping popsicle stick craft.

Learn about how light and the sun can affect all
kinds of materials. Campers will be collecting
leaves, twigs, and flowers, to make art on light
sensitive paper.

Leaf it to the sun!

Engineering Cycle Tag

Put your engineering cycle knowledge to the test with
this competitive engineering cycle game!

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!

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!

Camp Trivia

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!

