

Sneak Peek

In Bridges We Truss

Learn all about bridges and engineering! Campers will work together in teams to build bridges strong enough to carry weights!

Explore plant lifecycles and care for your own plant! We will plant our own chia seeds and grow them throughout the week!

Green Garden Gnomes

TinkerCAD AR

Time to think about the future by designing your own sci-fi cars! Practice 3D modelling and see it in real life with TinkerCAD's AR function!

Circuits, circuits, and more circuits! Make your own lanterns that light up with some simple circuit work!

Circuit O' Lantern

Plinko Planko Plonko

Experiment with gravity by making a marble course with a team! Try to have your marble fall as slowly as possible!



Let's learn some block coding basics on Scratch! We'll make our own animations about salmon and code them to move around!

Jumping Salmon

Build a Bird Beak

Have you ever wondered why birds look so different? We'll explore bird adaptations and how they use their beaks by making our own beaks!

This activity is a blast to the past! Work in teams to help a group of dinosaurs cross a river by building a zipline!

DinoSoar Zipline

Scramble and Soar

Let's explore aerodynamics and gravity in this activity! Craft parachutes in groups and protect a payload as it falls!

Things are going to get goopy! We'll play around with magnets and slime by making magnetic slime!

Magneto-Goo

Face It!

Have you ever wanted to make your own face filter? Learn about facial sensing and more block coding in Scratch with this activity!



Design your own bacterial species and help them evolve to survive! It will face plenty of environmental challenges, so be prepared!

Bacterial Blast

**Build,
Scrap,
Repeat**

Have you ever made prototypes before? In this challenge, work in teams to build multiple prototypes with limited materials!

Watch out for unsafe websites! Learn about internet safety in this running game based on 'Red Light, Green Light'!

**Cyber
Traffic
Control**

**Rock, Paper,
Scissors,
Code!**


Let's have computers play rock, paper, scissors for us! Code a simple rock, paper, scissors game on Micro:Bits using block coding!

Time to race cars you designed yourself! Learn about elasticity and energy types by building your own elastic-powered car!

Elasti-Cars

**Wizards
Workshop**

Help some wizards build their towers! Learn about budgeting and simple machines by building wizard towers in teams!



Let's light up some LEDs! Learn about salt conductivity and circuits by making salt circuits!

**Salted
Waters of
Tomorrow**

**Save the
Shark**

Time to make a video game and save some sharks! Code your own video game on Scratch and learn about ocean pollution!

To wrap up the week, let's reuse some of our recycling! Help the Earth and make some fun instruments out of recycled materials!

**Recycling
Rockstar**