

EGGHEAD INVENTORS

SCIENCE HAS NEVER BEEN THIS COOL

CATAPULTS:

Force isn't just when your parents make you do something you don't want to. Students will learn all about force and tension to build their own catapults!

COMPASS:

Did you know the Earth is one big magnet? Students explore how magnetic force gives us the four Cardinal Directions, and they'll even get a compass to bring home!

HELICOPTERS:

How are helicopters able to fly vertically? It's all in the lift! Students will use lift, drag, and torque to create their own helicopters and airplanes

HOVERCRAFTS:

Think hovercrafts are just a thing of the future? Think again. In this lesson, students learn how to use force to make their own hovercrafts.

ROCKETS:

Steer clear of the blast zone! Students will use chemical reactions to create enough air pressure to blast off their own rockets!

ROVERS:

Ever wondered how NASA gets those awesome photos of Mars? In this lesson, students create their own rovers to explore their favorite planets.

SPEAKERS:

What is a vibration? You may know what it looks like, but do you know what it sounds like? Students will learn how to use vibrations to create their own speakers.

SOAP:

Did you know some chemicals are afraid of water? Students will learn the difference between hydrophilic and hydrophobic substances and then make their own bath bombs!

SUNDIALS:

The sun keeps us warm and gives us light and life on Earth. Did you know it can also help us tell time? In this lesson, students learn how to use UV light to create their own sundials.

THERMOMETERS:

You've probably used one when you're sick to measure your body's temperature, but what about measuring a chemical reaction's temperature? Students learn the difference between chemical and physical changes then make their own thermometer to take home.