



Science Kit Menu

High Point University's Biology Club and Mobile Lab

Make Your Own Lava Lamp

- Materials
 - Plastic Bottle
 - Vegetable Oil
 - Water
 - Food Coloring
 - Aspirin Tablet
- Concepts Discussed
 - Density of Liquid
 - Polarity



<https://gosciencegirls.com/how-to-make-a-lava-lamp-at-home/>

DIY Borax Bouncy Balls

- Materials
 - Borax
 - Corn Starch
 - School Glue
 - Food Coloring
- Concepts Discussed
 - Adhesion Properties
 - Polymers
 - Solubility

***This experiment requires adult supervision**



<https://gosciencegirls.com/borax-bouncy-ball/>

DIY Volcanic Eruption

- Materials
 - Play Dough
 - Food Coloring
 - Vinegar
 - Baking Soda
 - Dish Soap
- Concepts Discussed
 - Acid-Base Reactions



<https://gosciencegirls.com/erupting-volcano-prehistoric-small-world-play/>

Oobleck

- Materials
 - Water
 - Cornstarch
 - Food Coloring
- Concepts Discussed
 - Liquid and Solid Properties
 - Non-Newtonian Fluids



Preschool Power Packets

<https://www.youtube.com/watch?v=CP9j29fBHtM>

Make Your Own Rock Candy

- Materials
 - Table Sugar
 - Water
 - Glass Jar
 - String
 - Pencil
 - Bowl
- Concepts Discussed
 - Crystallization

***This experiment requires adult supervision**



<https://www.thoughtco.com/how-to-grow-sugar-crystals-607659>

DIY Crystal Snowflakes

- Materials
 - Borax
 - Pipe cleaners
 - Water
 - Scissors
 - Glass Jar
 - Food Coloring
- Concepts Discussed
 - Solutions
 - Solubility
 - Crystallization

***This experiment requires adult supervision.**



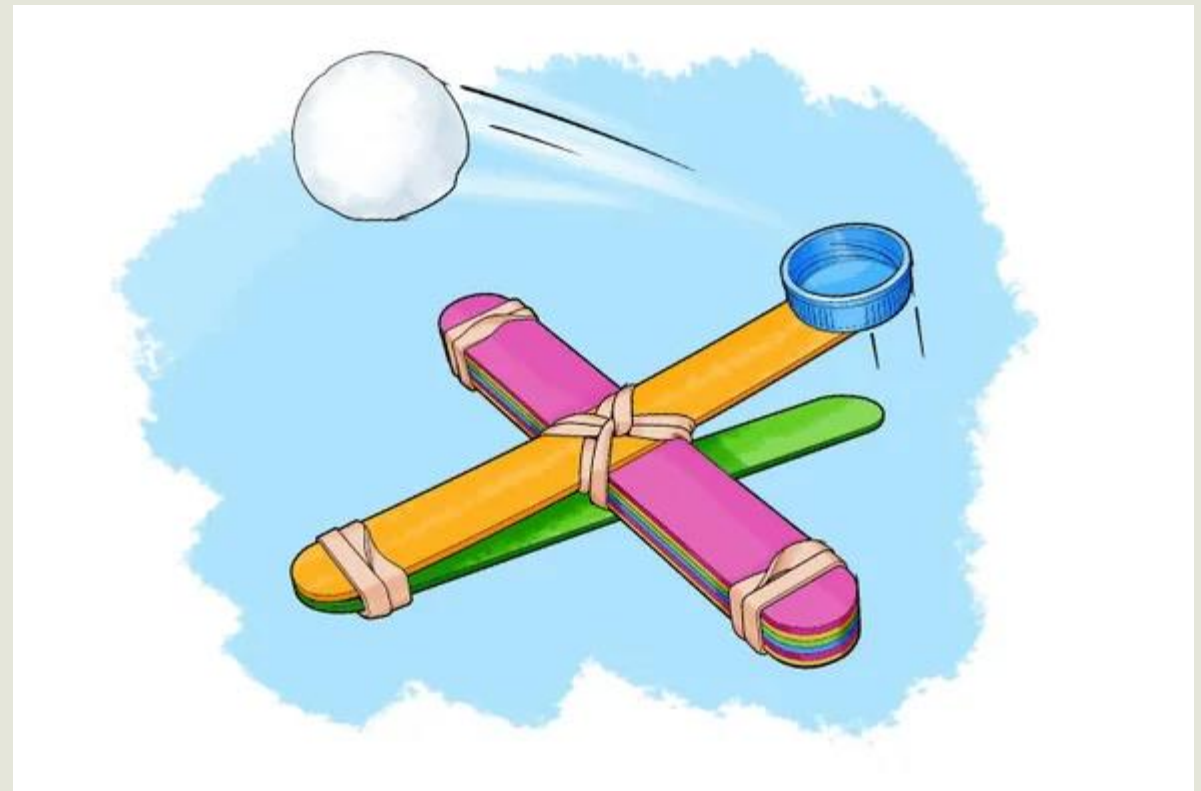
Borax Crystal Snowflake



<https://gosciencegirls.com/crystal-snowflakes-experiment/>

Build a Catapult

- Materials
 - Popsicle Sticks
 - Bottle Cap
 - School Glue
 - Rubber Bands
 - Cotton Balls
- Concepts Discussed
 - Potential Energy



<https://www.scientificamerican.com/article/build-a-catapult/>

Make Your Selection Using the Link Below

- http://highpoint.co1.qualtrics.com/jfe/form/SV_1HcKCAkvyR6agCh

