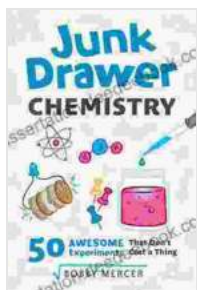


# 50 Awesome Experiments That Don't Cost a Thing: Junk Drawer Science

Looking for fun and educational activities to do with your kids? Look no further than your junk drawer! With a few simple items, you can conduct a variety of experiments that will teach your kids about science, math, and engineering.

Here are 50 awesome experiments that you can do with stuff from your junk drawer:



## Junk Drawer Chemistry: 50 Awesome Experiments That Don't Cost a Thing (Junk Drawer Science Book 2)

by Bobby Mercer

★★★★☆ 4.7 out of 5

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Word Wise : Enabled

Lending : Enabled

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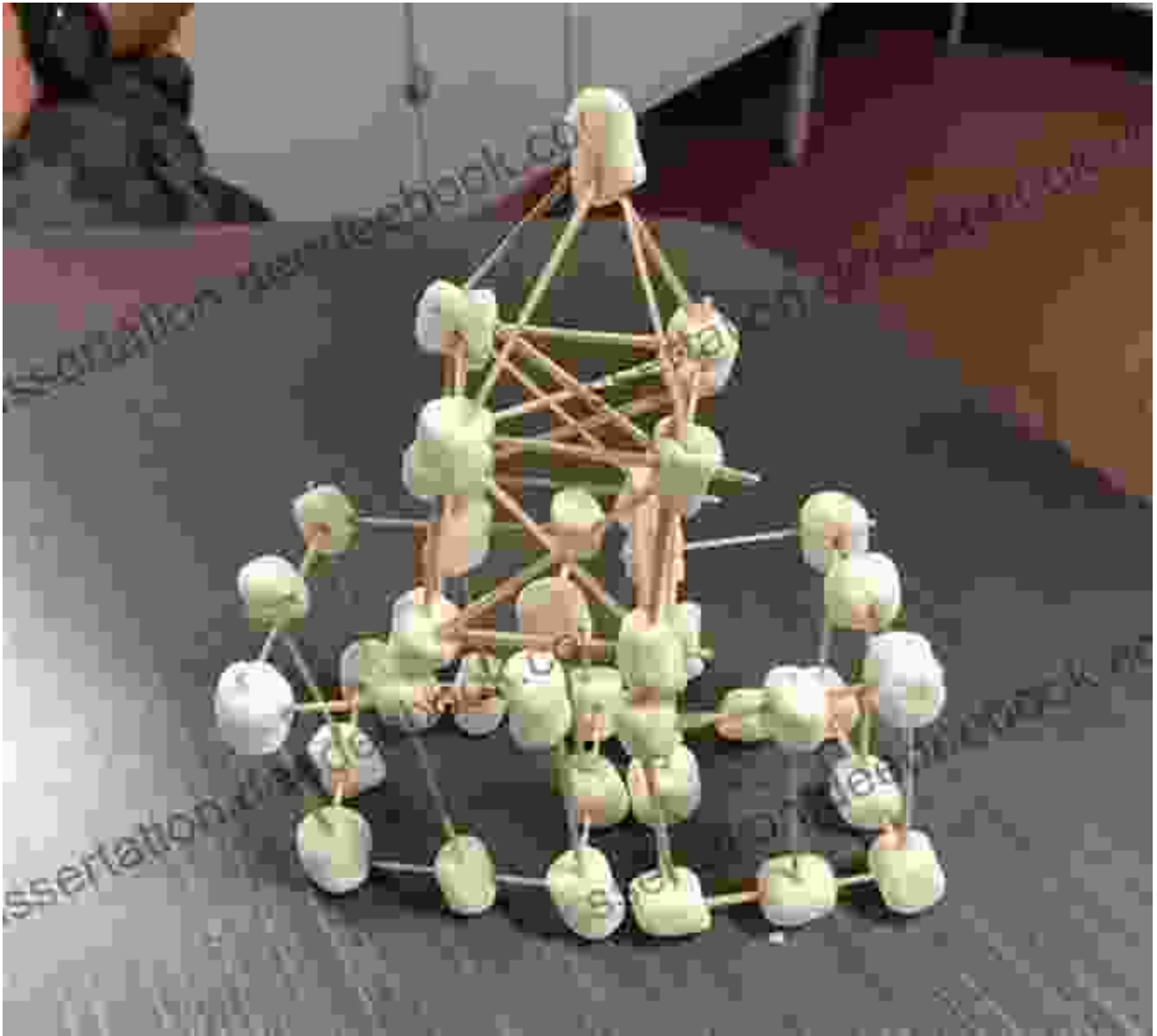


## 1. **\*\*Make a Lava Lamp\*\***



All you need is a clear glass, vegetable oil, water, food coloring, and an Alka-Seltzer tablet. Simply fill the glass about 1/3 full with vegetable oil. Then, add water to the glass until it is about 2/3 full. Add a few drops of food coloring to the water. Finally, drop an Alka-Seltzer tablet into the glass and watch the lava lamp come to life!

## 2. **\*\*Build a Marshmallow Tower\*\***



This is a great activity for kids of all ages. Simply provide your kids with a bag of marshmallows and a box of toothpicks. Challenge them to build the tallest marshmallow tower they can. The tower must be able to stand on its own for at least 30 seconds.

### 3. \*\*Make a Paper Airplane\*\*



This is a classic experiment that is still a lot of fun. Simply fold a sheet of paper in half lengthwise. Then, fold the top corners of the paper down to the center crease. Fold the bottom corners of the paper up to the center crease. Finally, fold the paper in half again. You now have a paper airplane that you can fly.

#### 4. **\*\*Make a Straw Rocket\*\***



This is a great way to teach kids about the principles of rocketry. Simply fold a piece of paper in half lengthwise. Then, roll the paper around a straw. Secure the paper with a rubber band. Blow into the straw and watch the rocket fly.

## 5. \*\*Make a Tin Can Telephone\*\*



This is a classic experiment that is still a lot of fun. Simply poke a hole in the bottom of two tin cans. Thread a string through the holes and tie the ends together. Talk into one can and listen to your voice come out of the other can.

## 6. \*\*Make a Rainbow in a Jar\*\*



This is a beautiful experiment that is perfect for a sunny day. Simply fill a clear glass jar with water. Then, add a layer of vegetable oil to the jar. Finally, add a few drops of food coloring to the jar. The food coloring will create a rainbow in the jar.

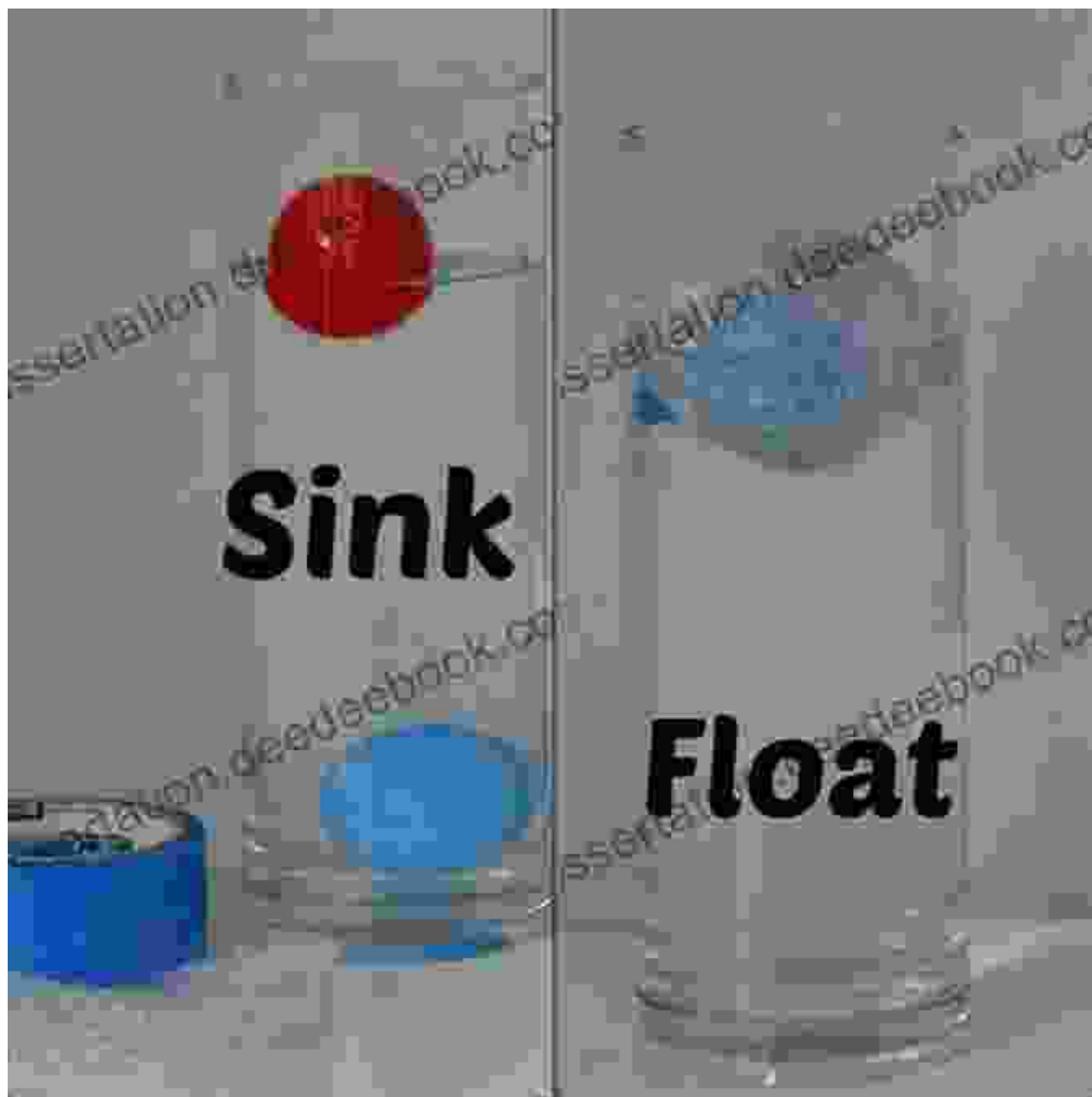
## 7. **\*\*Make a Dancing Raisin\*\***



This is a fun and easy experiment that kids of all ages will love. Simply drop a raisin into a glass of carbonated water. The raisin will start to dance up and down in the water.



## 8. **\*\*Make a Sink or Float Experiment\*\***



This is a great way to teach kids about the concept of buoyancy. Simply gather a variety of objects from around the house and place them in a bowl of water. Some of the objects will sink, while others will float. Discuss with your kids why some objects sink and others float.

## 9. **\*\*Make a Volcano\*\***



This is a classic science experiment that is always a lot of fun. Simply mix baking soda, vinegar, and food coloring together in a baking dish. The mixture will start to bubble and fizz, and a volcano will erupt.

10. **\*\*Make a Solar System Model\*\***



This is a great project for kids who are interested in space. Simply paint a Styrofoam ball blue to represent the Earth. Then, use toothpicks to attach other Styrofoam balls to the Earth to represent the other planets in the solar system.

11. **\*\*Make a Windsock\*\***



This is a fun and easy project that is perfect for a windy day. Simply cut a piece of fabric into a long strip. Then, attach the fabric to a stick. The wind will blow the fabric and create a windsock.

## 12. **\*\*Make a Spyglass\*\***



This is a great project for kids who like to spy on their friends and family. Simply tape two paper towel rolls together to form a spyglass. Look through the spyglass to see things up close.

### 13. \*\*Make a Kaleidoscope\*\*



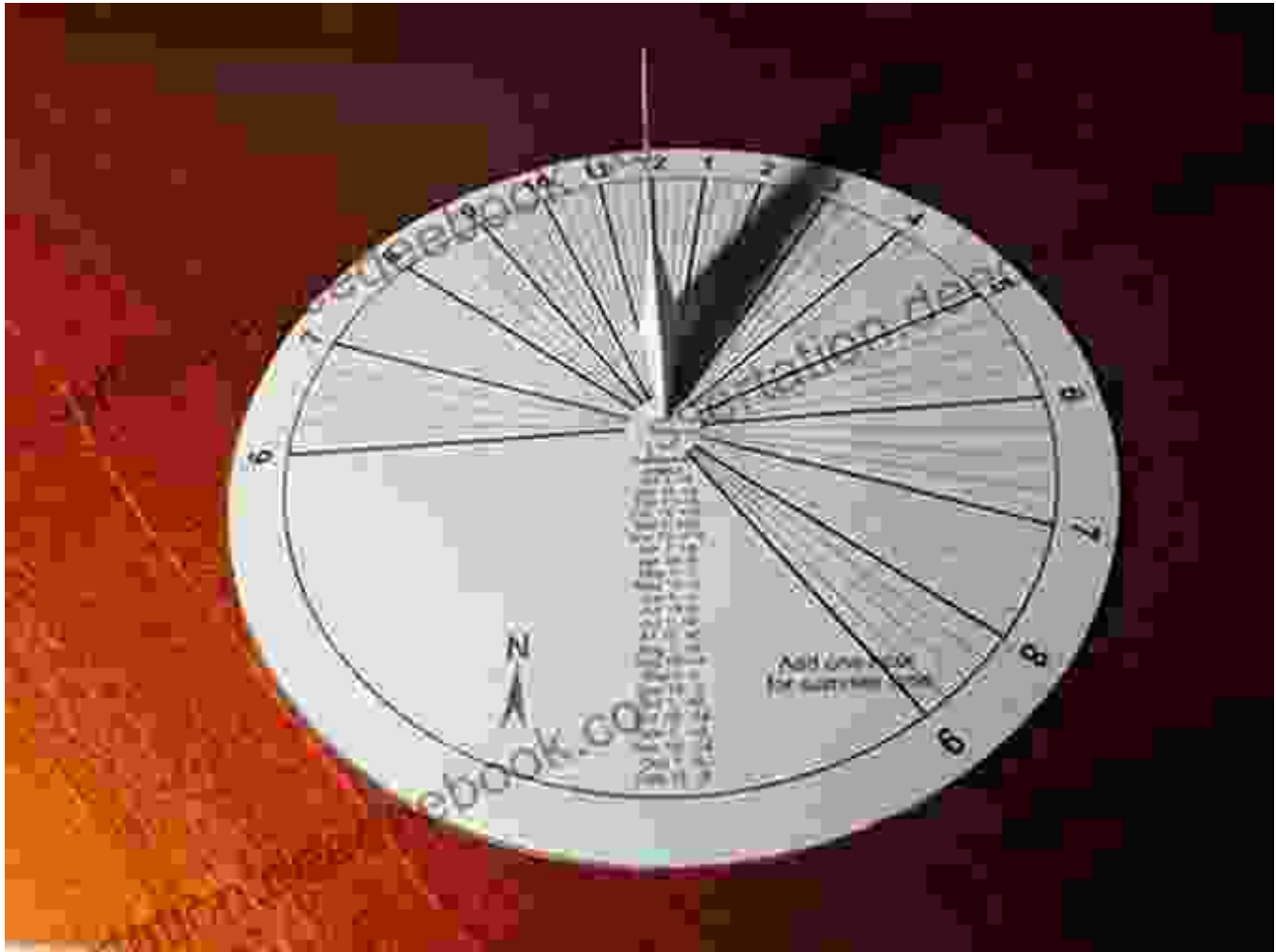
This is a beautiful project that is perfect for a rainy day. Simply wrap a piece of cellophane around the outside of a paper towel roll. Then, look through the roll to see a kaleidoscope of colors.

## 14. \*\*Make a Periscope\*\*



This is a great project for kids who like to explore. Simply cut two holes in the sides of two cardboard boxes. Then, line the holes with mirrors. Look through the periscope to see things around corners.

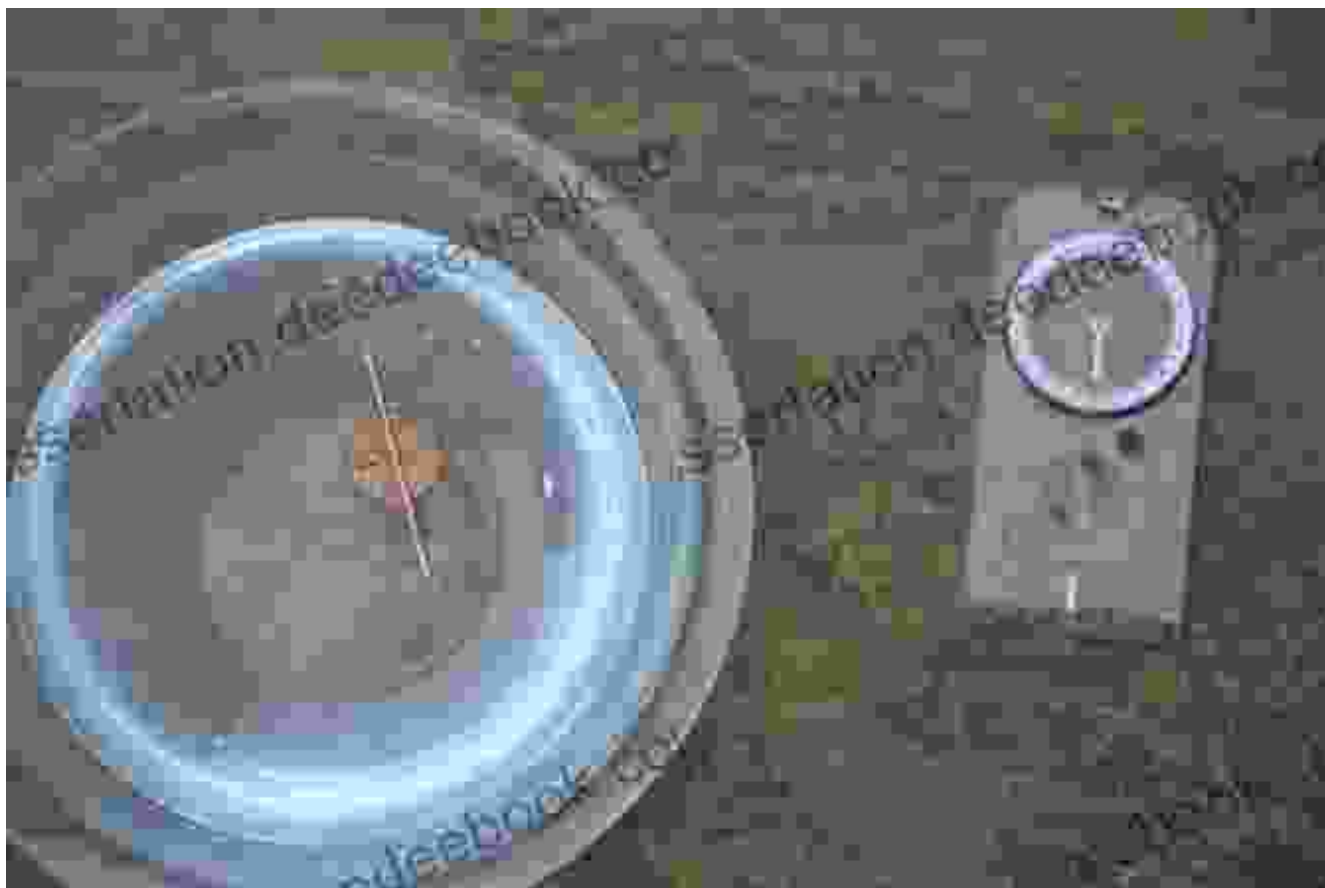
15. **\*\*Make a Sundial\*\***



This is a great project for kids who are interested in learning about time. Simply stick a stick in the ground. Then, mark the time on a piece of cardboard. The shadow of the stick will move throughout the day, and you can use it to tell time.



## 16. **\*\*Make a Compass\*\***



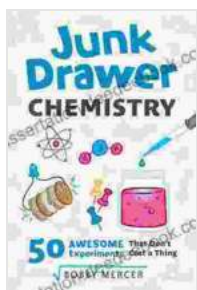
This is a great project for kids who are interested in learning about navigation. Simply rub a needle on a magnet. The needle will become magnetized and will point north. You can use the compass to find your way around.

## 17. \*\*Make a Hygrometer\*\*



This is a great project for kids who are interested in learning about weather. Simply tie a piece of string to a pine cone. The pine cone will open and close depending on the humidity in the air. You can use the hygrometer to measure the humidity in your home.

18. **\*\*Make a Barometer\*\***



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