



Girls LAUNCH provide girls and women of all ages with interactive experiences and intimate conversations with female aerospace professionals to boost interest in the unlimited opportunities in aerospace at a young age. This STEMbook activity, resources, and more are available at www.obap.org/girls-launch.

In this activity, you will: Create rainbows in your home.

Supplies Required:

All Students

Glass of water
Sheet of white paper
The sun

Video

Do it yourself homemade rainbow: <https://www.youtube.com/watch?v=NB1ryIEo7Vo>

Overview

Light is made up of a lot of colors. Specifically, the colors are red, orange, yellow, green, blue, indigo and violet. When light passes through the water, it is broken up into the colors seen in a rainbow. Let's see this phenomenon in action.

Instructions

1. Fill the glass all the way to the top with water.
2. Put the glass of water on a table so that it is half on the table and half off of the table. Be careful that the
3. Then, make sure that the sun can shine through the glass of water.
4. After you do that, place the white sheet of paper on the floor.
5. Adjust the piece of white paper and the glass of water until a rainbow forms on the paper.

Additional Resources

- 1 Weatherwizkids.com
- 2 www.youtube.com/watch?v=dldE-pqYqbs



www.obap.org