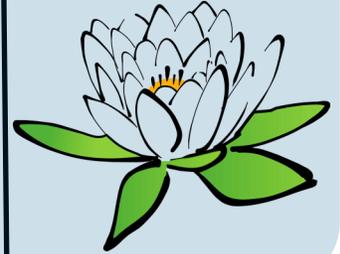


Featured Project:

Magical Water Blossoms!

Spring is here and flowers are ready to bloom! With a little help from science, this simple paper project actually moves. Create a beautiful paper flower and watch it open up when you put it in water. It's so much fun to watch!



Materials Needed:

- White copy paper (or other thin paper)
- Pen or pencil
- Markers to decorate (optional)
- Scissors
- Large bowl
- Water

 **Time to Make:** 10-20 minutes to create flower, 10-20 seconds to watch it bloom

Instructions:

1. Draw a flower on a sheet of paper by first cutting a circle of paper that's 5 or 6 inches in diameter. Draw four lines to divide into eight equal parts (like pieces of pie). On every other line, mark approximately 1 inch down from the outside and create petals by drawing from the outside of the circle to the tick marks. While measuring and drawing the lines can be part of the fun, online templates are available at the first source link below.
2. Decorate the paper flower with markers (if desired) and cut out.
3. Fold each petal toward the centre of the flower so that it lays flat.
4. Place flower in water and watch as the petals slowly rise and the entire flower opens.

What's happening?

The pressure of water inside the cells of plants is called turgor pressure. Some flowers open and close because of the changes to the amount of water in their cells. Water movement through these flowers, and the paper flowers we made, is the result of capillary action. As the water enters, the turgor pressure produced causes the paper flower to expand and open.

Source: <https://babbledabbledo.com/paper-flower-for-kids-magical-water-blossoms/> and Janice VanCleave's 200 Goopy, slippery, slimy, weird and fun experiments (1993)

What is Maker Minute?

Maker Minute is our way of bringing the SDG Library MakerLab to your home! Each week, we'll release a cool activity or experiment that you can do using items from your home. You can share your progress and finished products on our social media pages:

- facebook.com/sdglibrary
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We can't wait to see what you'll make next!

