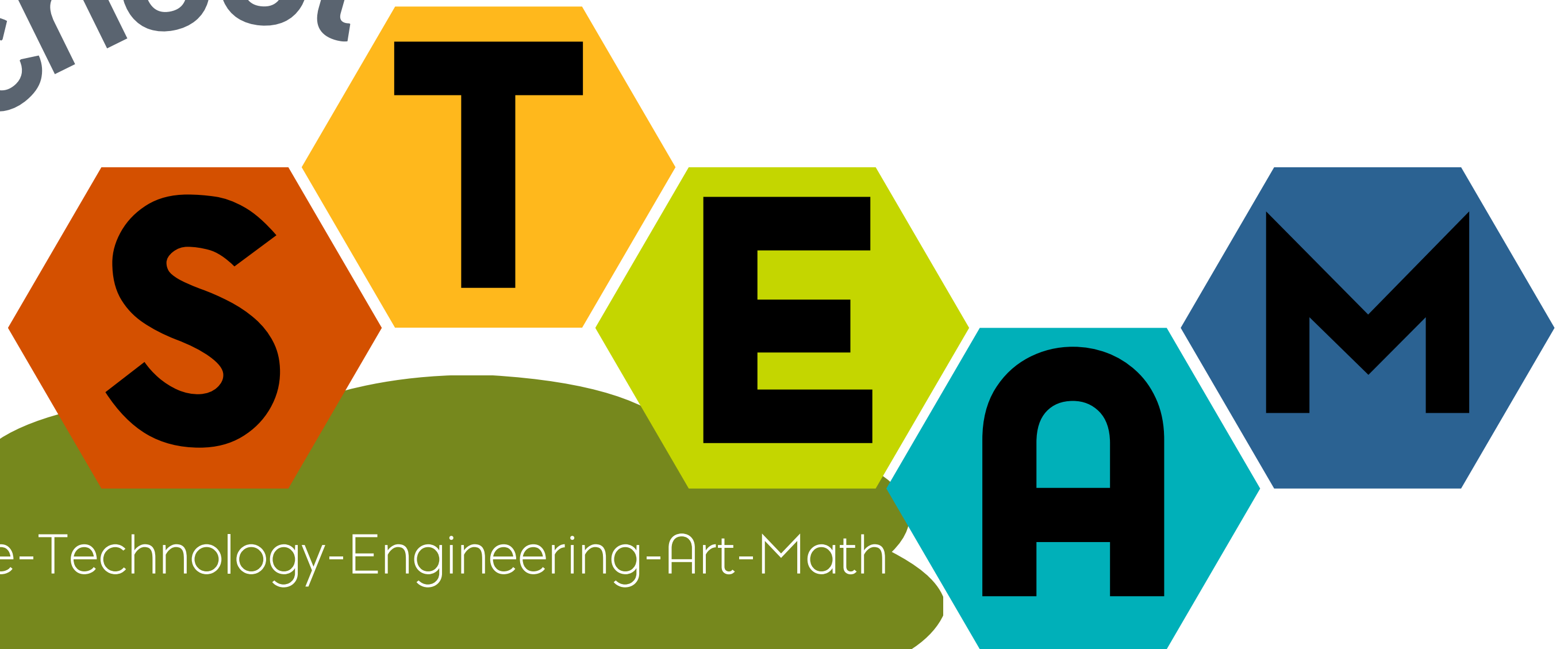


Preschool



Science-Technology-Engineering-Art-Math

**Mondays**

**1:30-2:00 pm**

**Tuesdays**

**10:30-11:00 am**

Registered Program

Ages 4-6

Linda Smith Story Room

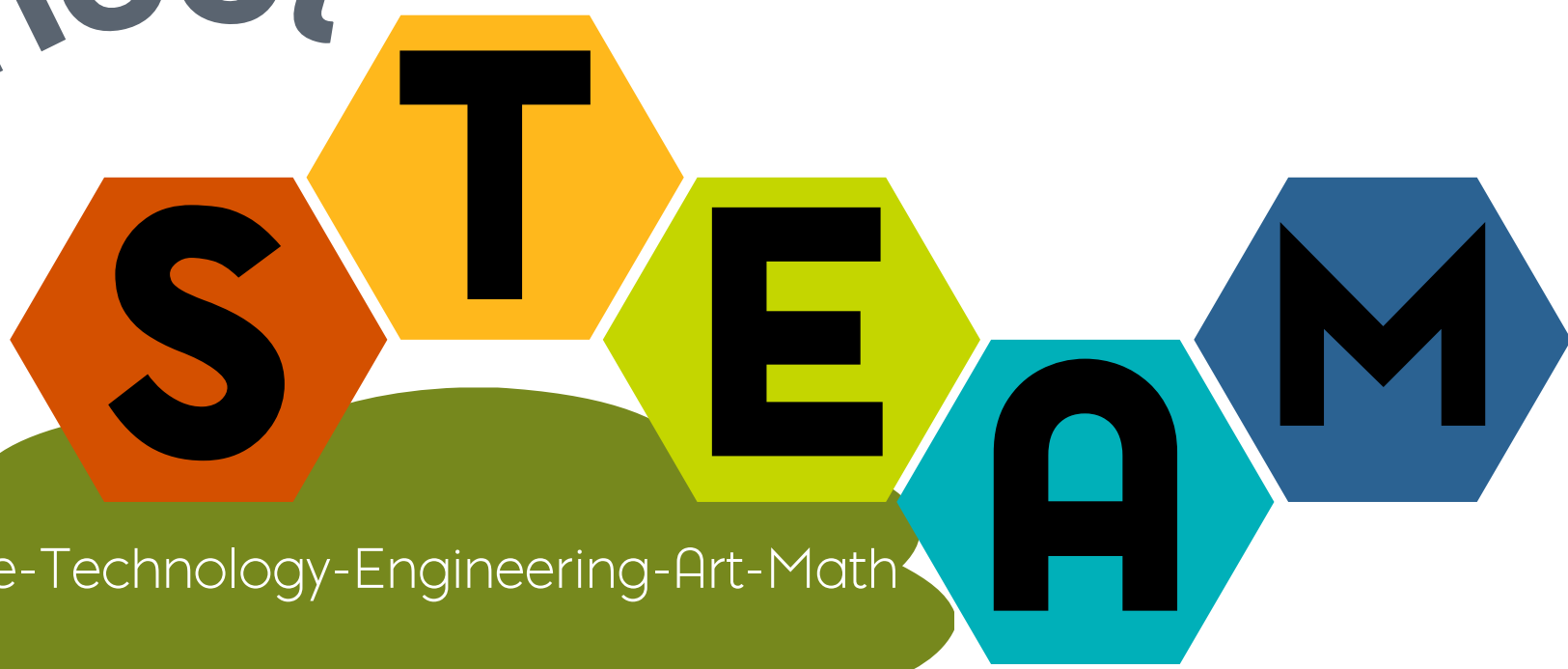
Explore different parts of science, technology, engineering, art, or math in this 30 minute program. Each session focuses on a specific part of STEAM.

Check out our page on the Grande Prairie Public Library website for past activities.



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PUBLIC LIBRARY**

# Preschool



Science-Technology-Engineering-Art-Math

## Science: Absorption

### Activity

- Walking Rainbow

### Supplies

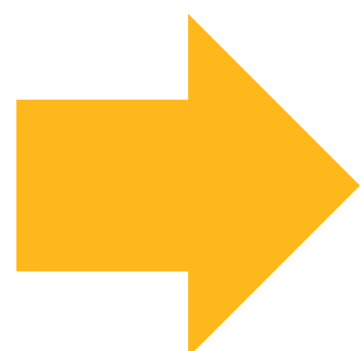
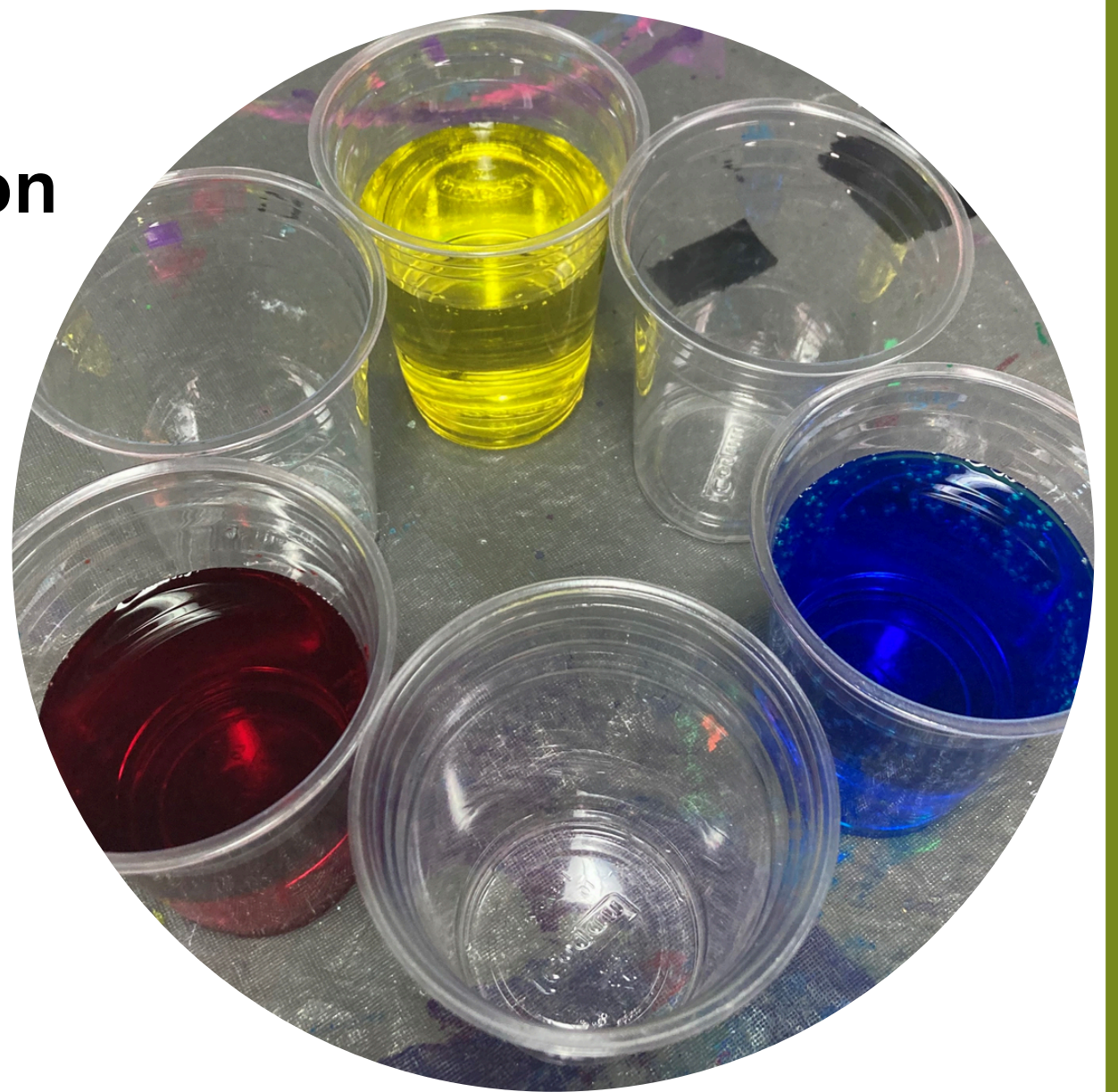
- 6 clear glasses
- 6 pieces of paper towel
- Water
- Blue, red, and yellow food dye

### Steps

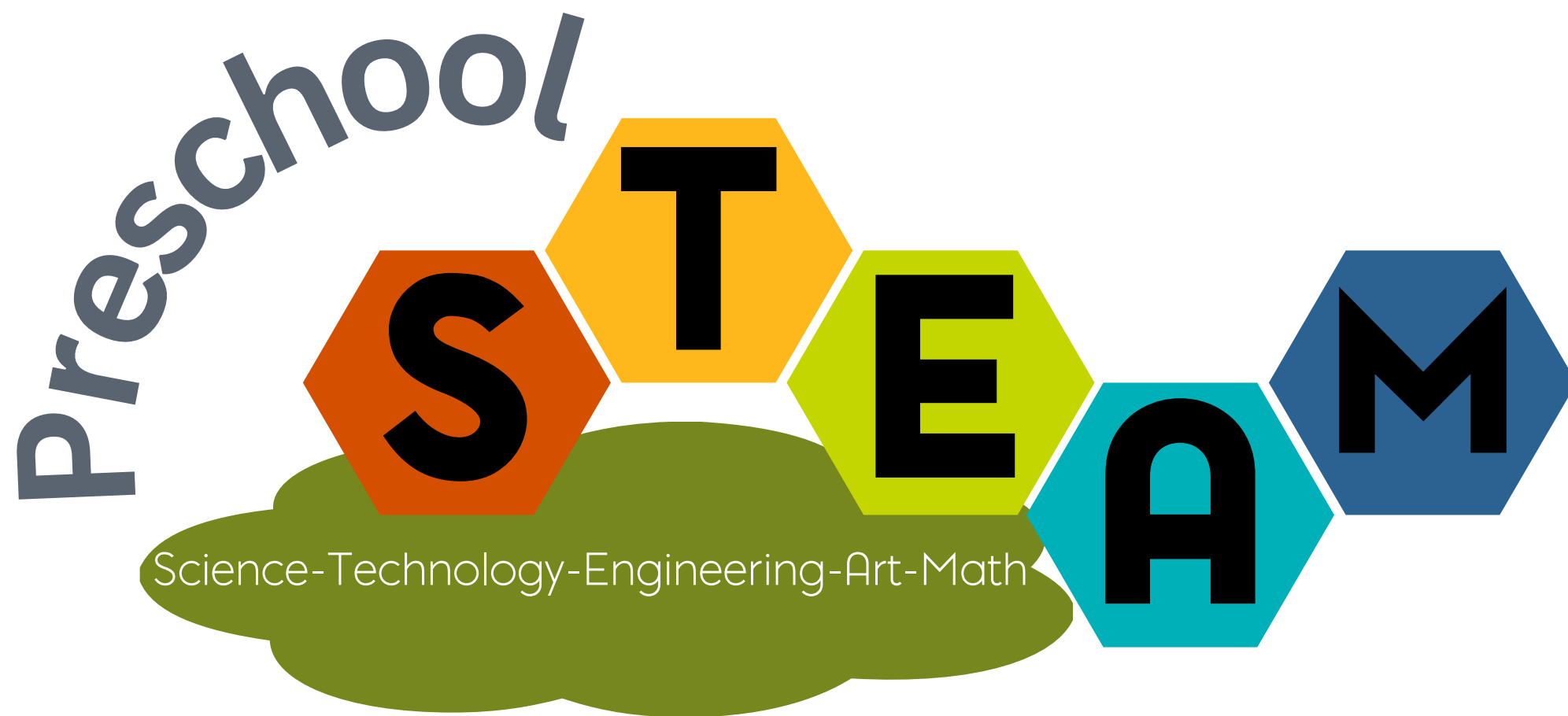
- Place the cups in a circle
- Fill 3 alternating cups with water and make each filled cup a different colour
- Place paper towel connecting each cup
- Wait and watch as the dyed water travels along the paper towel through absorption

### Further Learning

- The walking rainbows work through absorption. Water is absorbed up the paper towel and transfers to the next cup. Try using different types of paper towel and see if it changes.
- Absorption can be used in art too. Tie-dye works through the dye being absorbed by the fabric in areas where it is not blocked by elastic bands, thus letting you create all sorts of patterns!



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## Science: Absorption

### Activity

- Unfurling Flowers

### Supplies

- Paper
- Water

### Steps

- Cut paper into flower shapes
- Roll petals into centre
- Place in water and watch

### Books

- All the Water in the World by George Lyon (E 551.48 LYO)
- Things that Float and Things that Don't by David Adler (E 532.2 ADL)
- Does it Absorb or Repel Liquid by Susan Hughes

### Further Learning

- What do you think will happen if you make the paper rolls tighter or looser? What if you use construction paper or printer paper?
- Try layering your flowers
- Use a camera to take lots of pictures of the flowers as they unfurl, then you can flip through the pictures to watch it progress!

