

April Showers - April 2026

“April showers bring May flowers” - and sometimes, they bring rainbows, too.

Rainbows have long been symbols of hope and new beginnings. After a storm, when the clouds begin to clear, a rainbow reminds us that something bright can follow something challenging. That message fits beautifully with the Girl Scout spirit — resilience, positivity, and finding light even after a rainy day.

Rainbows aren't just meaningful — they're science! A rainbow forms when sunlight passes through water droplets in the air. The light **refracts** (bends), **reflects** inside the droplet, and then **separates into different colors** (dispersion). What looks like plain white light is actually made up of all the colors of the rainbow.

Rainbow Challenge - You need to make a rainbow. Below are some ideas or do some research and experimentation and create a rainbow on your own.

Light & Water Experiment (STEM Focus)

- Fill a clear glass with water and place it in sunlight.
- Hold white paper on the opposite side to catch the light.
- Adjust the angle to create a mini rainbow.
- Discuss: What happens when light bends through water?

Prism Exploration

- Use a small prism in sunlight to split white light into a spectrum.
- Observe how the colors always appear in the same order.
- Talk about refraction and reflection.
- No prism? Try a CD or DVD — the surface can reflect light into rainbow patterns.

Recycled Rainbow Mosaic

- Use scrap paper, magazines, or small recycled items to build a rainbow.
- Connect the idea of sustainability with creative reuse.

After the activity, reflect together:

- What did you learn about light?
- Which color do you connect with most — and why?
- How does our troop shine when we create together?


Through art, teamwork, and science, a rainbow becomes more than colors in the sky — it's creativity, curiosity, and connection all in one.

Deadline to submit your April Showers Report: Tuesday, March 31, 2026 @ 5:00 PM MDT

Submit report at: https://bit.ly/AprilShowers_Apr2026

You will receive your patch in 3 - 4 weeks after the end of challenge.

If you have any questions, please email info@gsdsw.org.

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