

CONNECTIONS TO SCIENCE GUIDES

GEORGIA YOUTH SCIENCE & TECHNOLOGY CENTERS, INC.

COME ON, RAIN!
BY: KAREN HESSE

CAN'T FIND THE BOOK?
READ-ALOUDS ARE AVAILABLE
ON YOUTUBE.



ASK

- How can we identify if precipitation is solid or liquid?
- How can we measure the amount of precipitation?
- Are there seasonal patterns to precipitation?
- Have you ever thought about being a meteorologist?

EXPLORE

PRECIPITATION OBSERVATIONS

Materials:

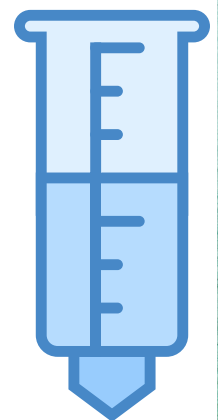
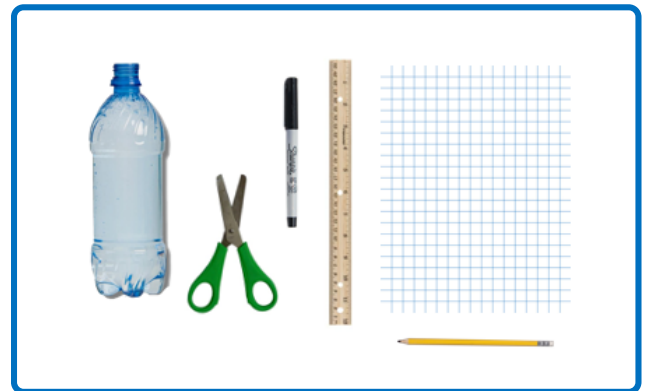
- Empty, clean plastic bottle
- Scissors
- Ruler or measuring tape
- Permanent marker
- Graph paper
- Pencil

Directions:

- Begin by having an adult help you cut the top off a plastic bottle, and place the top upside down inside the bottle.
- Using a ruler and a permanent marker, mark the centimeters (or inches) on the plastic bottle.
- Place your rain gauge outside and wait for the rain.
- Every time it rains, record the date and measure the amount of precipitation. After recording, empty out the rain gauge for the next time it rains.
- Create a bar graph of the amount of rainfall on your graph paper.
- As you are making observations, think about:
 - How do I know that rain is a liquid form of precipitation?
 - Are there patterns to the amount of rain that we get?

Fun Facts:

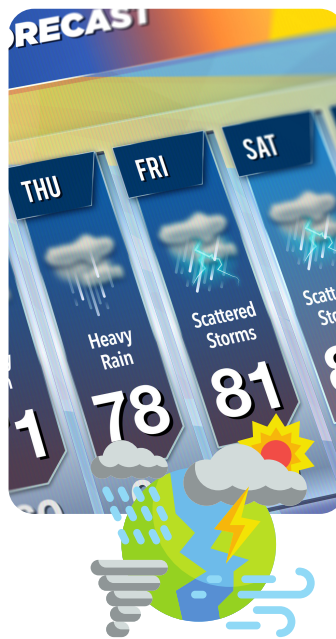
- Rain is the most common form of precipitation.
- On average, Georgia gets between 45-50 inches of rain a year.



EXPLAIN

WEATHER PATTERNS

Weather is a temporary condition in the atmosphere. This includes sunshine, rain, snow, wind, and storms. Weather is different in different places. The weather changes regularly and tends to be different during different seasons. For example, Georgia tends to have mild winters and warm, humid summers.



EXTEND

BLACK ROCK MOUNTAIN STATE PARK



Black Rock Mountain State Park features some of the most outstanding scenery in Georgia's Blue Ridge Mountains. This state park is located in Rabun County, which has the highest annual rainfall of over 70 inches a year.

STEM CAREER

METEOROLOGIST

A meteorologist studies the measurements and motion of the atmosphere so that they can predict the weather. At work, meteorologists develop or use mathematical or computer models for weather forecasting and broadcast weather conditions to the public. If you are interested in the weather, being a meteorologist might be for you!



BACKGROUND

The Georgia Youth Science and Technology Centers, Inc. provides quality programs for teachers of STEM subjects that improve the teaching and learning process at the kindergarten through eighth grade levels. We present programs that change students' perceptions and inspire an appreciation for science, technology, engineering, and mathematics subjects.

ABOUT US

GYSTC, Inc.

gystc@kennesaw.edu

470-578-7592

www.gystc.org

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