



WATER CYCLE BOOGIE: LESSON 3

PRECIPITATION

Teacher

SUBJECTS: English Language Arts, Science, Math

SKILLS: Scientific exploration and observation

MATERIALS

- Computer/tablet/phone
- Precipitation Rain Gage Student Sheet
- **FLIPGRID Challenge: Precipitation: Rain Gauge**
- Discovery Kit Materials: jar, marker, Discovery Journal pages 5-7

COMMON CORE STATE STANDARDS (CCSS)

ENGLISH LANGUAGE ARTS

- 2.W.3** Write narratives to recount a well elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings, use temporal words to signal event order, and provide a sense of closure.
- 2.SL.6** Produce complete sentences when appropriate to task and situation in order to provide requested detail or clarification.
- 2.W.8** Recall information from experiences or gather information from provided sources to answer a question.

MATHEMATICS

- 2.MD.1** Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks and measuring tapes.

SCIENCE (OHIO LEARNING STANDARDS)

- 2.ESS.2** Water is present in the atmosphere.
- 2.ESS.3** Long- and short-term weather changes occur due to changes in energy.

ESSENTIAL QUESTIONS

1. How does water change my environment?
2. How is measurement used in the real world?



I CAN STATEMENTS (LEARNING OBJECTIVES)

1. I can form knowledge of a topic through analysis and research.
2. I can use information from several sources to understand how the water cycle affects my environment.
3. I can understand the water cycle and explain how it works.

LINKS

- **Slug Science Journeys Homepage** <https://www.miamicountyparks.com/node/1254>
- **Water Cycle Boogie Video** <https://vimeo.com/videobranch/review/415258986/e7e0fc990a>

ACTIVITY

RAIN GAUGE EXPERIMENT

This can be done both as an individual study or as an entire class. Using a clear container, the students will fill it with rocks, marbles or any water safe item and place it outside to wait for rain. The rain gauge can then be observed over a period of time and measured with students recording their observations on the activity worksheet, and in the **FLIPGRID Challenge: Precipitation: Rain Gauge**.

Students are encouraged to try to catch a drop of that precipitation on their tongue like Doug the Drop does during the “Sun Shower”. Using their imaginations, students will then write a narrative of how that water drop on their tongue will proceed through the water cycle.

EVIDENCE OF ACTIVITY

Students will complete the Precipitation Rain Gauge Student Sheet on pages 5-7 in the Discovery Journal and the **FLIPGRID Challenge: Precipitation: Rain Gauge**.