



Science Virtual Learning

Early Education

Thunderstorm in a Cup

April 29, 2020



Pre-K Literacy
Lesson: 04/29/2020

Learning Target:

Students will observe and explore how clouds rain.

Let's Get Started:

Watch Video: [Sid the Science Kid's "Where Does Rain Come From?"](#)

Practice:

Which items do you wear or use when it's raining?



Activity:

Thunderstorm in a Cup

Materials needed: Tall clear cup, shaving cream, paper clip, and blue food coloring

1. Watch this video to set activity up: [How to Make a Rain Cloud in a Jar](#)
2. Questions to ask:
 - a. What happens when water vapors come together? (clouds form)
 - b. What happens when more water vapors keep coming together? (it rains)
 - c. What does the paperclip look like? (lightning)
3. Explain: frozen water in the clouds bump into each other and cause electrical charges. The electrical charge turns into lightning.

Your child can also go outside while it's raining or right after and make observations. Watch this video for more information: [Sid the Science Kid: Rain Observations](#)