Sci-Map Site
United Way

Name of Activity
Little Cloud by Eric Carle

Before, While, or After?
While You're There

Materials
This is an activity that can be done while reading the book "Little Cloud" by Eric Carle
- "Little Cloud" by Eric Carle (ISBN-13 978-0399231919) (Alachua County Library Call # E Carle,E)
- Printable Water Cycle Template (see attached)
- 1 gal Resealable Clear Plastic Bag
- Black and/or colored Sharpie (permament) Markers
- Small diameter pebbles
- few drops of water
- pant hanger or duct tape to hang bag

Procedure
1- Print the water cycle template and fold on the line as directed.
2- Place the template in the 1 gallon resealable plastic bag.
3- Use permanent markers (Sharpies work well) to trace the pattern from the template onto the bag. Remove the paper template after fully tracing the water cycle diagram.
4- Add a layer of pebbbles to the bottom of the bag (just enough to cover the bottom of the bag and weigh it down a bit.
5- Add a few drops of water to the bag.
6- Partially seal the bag, leaving a small open space to blow some breath into the bag and puff it out. Quickly reseal the bag to hold the air (and water vapor) in.
7- Using a pants hanger or duct tape, hang the bag in a window that gets full sunlight.
8- Observe the bag throughout the day as the water evaporates, condenses, and "rains" .

The Science Behind It
Water evaporates, condenses, precipitates, runs downhill towards the oceans, and evaporates again. This is a simple water cycle. This activity lets you see the water cycle in action as water changes phase as it evaporates from liquid to gas and condenses from gas to liquid. Challenge yourself to trace the other places water goes on Earth and determine whether it stays as water and just changes physically, or whether it is involved in chemically changing in the process.

Post Image

Supporting File 1 - Printable templates or additional information

- Water-Cycle-for-Eric-Carle-Day.pdf

Submitted by:
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Email
HandsOnGainesville@gmail.com