

Matter

Grade 2

Students already have previous knowledge of the water cycle and states of matter.

Objectives

Science 2.1.4 Identify and describe the transformation of matter from one state to another

Science 2.1.5 Describe how temperature influences changes in the states of matter.

Reading 2.3.6 Explain cause and effect relationships and support with text references.

Reading 2.3.7 Support conclusions and inferences with information from texts.

Writing 2.6 TSW write for a variety of reasons to various audiences using different formats.

Materials

A Drop Around the World by Barbara Shaw McKinney, globe, or world map, white paper, pencil

Procedure

Day 1:

As you read the book, ask these questions:

- Cover – What do you think the story might be about?
- How might the water drop move around the world?
- What do the symbols mean?
- What part of the water cycle is happening? (Have students do hand motions to show each process)

Use a world map or globe to show where the water drop travels.

Mini-Assessment

Students will draw and label one example of condensation of the water drop.

Day 2:

TTW do a five minute review of the following questions:

1. What book did we read on yesterday?
2. Who is the main character in the story?
3. How did the main character change throughout the story? (First, then, finally)

TSW discuss and define the following water cycle: evaporation, condensation, precipitation. TSW show hand motions to demonstrate each cycle.

Assignment

TSW complete a diagram by coloring and labeling the water cycle.

Day 3:

TTW model the logical sequence of the water cycle by completing a classroom flow chart with the students. TSW use a flow chart to draw changes of a drop of water. TSW write a story about one water drop changing and travelling around the world.

Assessment

TTW grade the story on the Science content and the Writing process.