Grade 2 | SCIENCE

WEEK 10 • PRACTICE WORKBOOK • DAYS 46–50

Read the matching lesson in the Week 10 Student Textbook first. Write each answer on the line below its question. Day 50 is answered on your own.

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Day 46: Where Is Water Found on Earth?

Where water is

Place	Liquid or solid
Ocean	Liquid
River	Liquid
Glacier	Solid ice
Snow on a mountain	Solid

1. Where is most of Earth's water found?
   Answer:
2. Which places in the table hold solid water?
   Answer:
3. Explain why a picture of Earth from space looks mostly blue.
   Answer:

Day 47: Salt Water and Fresh Water

Fresh or salty?

Water	Fresh or salty
Ocean	Salty
Lake	Usually fresh
Water under the ground	Usually fresh
Glacier ice	Fresh

1. Which water in the table is salty?

   Answer:

2. Name two places in the table with fresh water.

   Answer:

3. Most of Earth's water is in the ocean. Explain why people still must take care of fresh water.

   Answer:

Day 48: Water as a Solid: Ice and Snow

Ice melt test

Ice cube placed	Minutes until fully melted
In a sunny window	20
On a shaded table	35
In the freezer	Did not melt

1. Which ice cube melted fastest?

   Answer:

2. Which ice cube did not melt?

   Answer:

3. Explain what the test shows about how warmth changes solid water.

   Answer:

Day 49: A Model of Earth's Water

1. How many pieces stand for ice and glaciers?

   Answer:

2. How many pieces stand for all the other water?

   Answer:

3. Explain what your model shows about how much of Earth's water is fresh liquid water that people can use.

   Answer:

Hands-on task: Model Earth's water with 100 pieces

1. Count out 100 small pieces, such as dried beans or paper squares.
2. Make three piles: 97 pieces for the ocean, 2 pieces for ice and glaciers, and 1 piece for all other water (lakes, rivers, ponds, underground and air).
3. Label each pile.
4. Compare the piles. Talk about why the water people can drink is only a small part of Earth's water.

My model showed:

Day 50: Independent Check: Water on Earth

Text: A Trip to the Mountains

In winter, Leo visited a tall mountain. Snow covered the top. A stream ran down the side of the mountain into a clear lake. In spring, Leo came back. Much of the snow had melted, and the stream was fuller than before.

Answer on your own. An adult may read the questions aloud but should not give the answers.

1. Name one place in the text where water was solid.
   Answer:
2. Name one place in the text where water was liquid.
   Answer:
3. Explain why the stream was fuller in spring, using what you know about ice and snow.
   Answer:

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