Grade 2 | SCIENCE

WEEK 31 • FILLABLE PRACTICE WORKBOOK • DAYS 151–155

Read the matching lesson in the Week 31 Student Textbook first. Type each answer in the box below its question and save a copy. Complete physical measurements, drawing, and hands-on tasks on a printed page. Day 155 is answered on your own.

Name: _____ Date: _____

Day 151: Slow Changes: Breaking and Wearing Away Rock

1. Name two things that can slowly break rock.

2. How did Natural Bridge form?

3. Why could no one watch Natural Bridge form?

Day 152: Fast Changes: Floods

1. What is a flood?

2. Name one way a flood can change the land.

3. What should you do if water starts to rise near you? What should you never do?

Day 153: Models and Maps of a Changing River

Two make-believe maps of Little River

Feature	Map from long ago	Map from today
River bend	near the old barn	closer to the road
Sandbar	small	much bigger
Island	one island	two islands

1. Name one change the maps show in Little River.

2. Was the change in Little River fast or slow? How do you know?

3. How is a sand-tray model different from the real river?

Day 154: Hands-On: Shake-Jar Weathering

Hands-on task: shake-jar weathering

1. Find 6 to 8 small rough rocks (gravel or broken stones). Use a plastic jar with a tight lid, not glass.
2. Draw and describe the rocks: rough or smooth, sharp or round. Feel the edges carefully.
3. Put the rocks in the jar and cover them with water. An adult checks that the lid is tight.
4. Shake the jar hard for 3 minutes. Look at the water and the rocks. Shake 3 more minutes and look again.
5. Pour the water out over grass or a sink strainer and compare the rocks with your drawing. Wash your hands.

When	Rocks look and feel	Water looks
Before shaking	____	____
After 3 minutes	____	____
After 6 minutes	____	____

How the rocks and water changed:

1. What did the water look like after shaking?

2. How did the rocks change?

3. In a real creek, would this change take minutes or many years? Explain.

Day 155: Independent Check: Slow and Fast Changes

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

1. Sort each change as fast or slow: a flash flood; a river carving a canyon; roots cracking a rock.

2. How did the shake jar act as a model of a creek?

3. How can two maps made many years apart show a slow change?