Grade 2 | SCIENCE

WEEK 25 • FILLABLE PRACTICE WORKBOOK • DAYS 121–125

Read the matching lesson in the Week 25 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 125 is answered on your own.

Name: _____ Date: _____

Day 121: Taking Apart and Building Again

Build log (a make-believe class's data)

Object built	Pieces used	Shape
tower	24 blocks	tall and thin
wall	24 blocks	long and low
boat	24 blocks	flat with a pointed front

1. What stayed the same in all three objects in the build log?

2. What changed from the tower to the wall?

3. A bead bracelet has 30 beads. A girl takes it apart and makes two bracelets. Can both new bracelets have 30 beads? Explain.

Day 122: Heating and Cooling Change Matter

Changes from heating and cooling

Material	Heated or cooled?	What happened
ice cube in a cup on the table	heated by warm air	became liquid water
juice in a freezer	cooled	became a solid ice pop
bread in a toaster	heated	became brown and crunchy

chocolate chip in a warm hand	heated	became soft and gooey

1. Which material in the table was cooled? What did it become?

2. What happened to the bread when it was heated?

3. Name a material from your kitchen that changes when it is heated, and tell how it changes. Ask an adult to help you check.

Day 123: Changes That Can and Cannot Be Undone

1. Sort these changes into can be undone and cannot be undone: melting an ice pop, baking a cake, freezing water, cooking an egg.

2. Mia says toast can become bread again if it cools down. Is she right? Use evidence to explain.

3. A block house is taken apart, and the blocks are built into a car. Can the change be undone? Explain.

Day 124: Hands-On: The Rebuild Challenge

Hands-on task: rebuild challenge

1. Collect 20 identical pieces, such as building bricks, craft sticks or paper strips. Count them.
2. Build one object, such as a tower or a house. Draw it and write how many pieces it used.
3. Take the object apart and count the pieces again.
4. Build a different object from the same 20 pieces. Draw it.
5. Compare the two objects. Write what changed and what stayed the same. Count the pieces back into a container.

Object 1 and the number of pieces:

Object 2 and the number of pieces:

What changed and what stayed the same:

1. What did you build first? What did you build second?

2. How many pieces did you count before and after taking the first object apart?

3. What changed between your two objects, and what stayed the same?

Day 125: Independent Check: Building and Changing Matter

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

1. A puzzle of 48 pieces is taken apart. How many pieces are there now? What changed?

2. Is melting a candy bar in a hot car a change caused by heating or by cooling? Can it be undone? Explain.

3. Name one change caused by heating that cannot be undone. Explain how you know.