Grade 2 | SCIENCE

WEEK 30 • FILLABLE PRACTICE WORKBOOK • DAYS 146–150

Read the matching lesson in the Week 30 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 150 is answered on your own.

Name: _____ Date: _____

Day 146: A Butterfly That Needs One Tree

1. What do zebra swallowtail caterpillars eat?

2. Name one way an animal can use a plant besides food.

3. Would you expect to find zebra swallowtails in a woods with no pawpaw trees? Explain.

Day 147: Hummingbirds Help Flowers; Plants Need Light and Water

1. What does a hummingbird get from a flower? What does the flower get from the hummingbird?

2. Name two things a plant needs to grow.

3. A honeysuckle vine is moved into a dark shed. Predict what will happen to the plant and to the hummingbirds that visit it.

Day 148: Sunny Field or Shady Woods?

Bean plant test (a make-believe class's data, after two weeks)

Cup	Light	Water	Plant height
1	sunny window	yes	12 centimeters, green
2	sunny window	no	3 centimeters, dry and brown
3	dark closet	yes	9 centimeters, pale and thin
4	dark closet	no	did not grow

1. Which cup grew the best? What did it have?

2. Compare Cups 1 and 3. What does this show about light?

3. A meadow is sunny, and a woods floor is shady. Why might the two habitats have different plants and animals?

Day 149: Hands-On: A Habitat Box Model

Hands-on task: build a habitat box model

1. Choose one Alabama animal from this week or earlier: zebra swallowtail, ruby-throated hummingbird, gopher tortoise or another you have studied.
2. Use a shoebox turned on its side. Draw or build the habitat inside: the land, water and light it needs.
3. Add the plants the animal depends on for food and shelter, made from paper, clay or yarn.
4. Add a label or arrow that shows one way the animal helps a plant, such as carrying pollen or seeds.
5. Present your model. Explain what the animal needs, what plants it depends on, and how it helps a plant. Clean up scraps.

My animal	Plants it depends on	What the plants give it	How it helps a plant
____	____	____	____

One thing my animal could not live without:

1. Which animal did you choose? What habitat does it live in?

2. Name a plant in your model and tell how the animal uses it.

3. How does your animal help a plant?

Day 150: Independent Check: Plants and Animals Together

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

1. Give one example of an animal that depends on a plant. Tell how.

2. Give one example of a plant that depends on an animal. Tell how.

3. A plant was kept in a closet with water for two weeks. Describe how it will look and explain why.