Grade 2 | SCIENCE

WEEK 3 • PRACTICE WORKBOOK • DAYS 11–15

Read the matching lesson in the Week 3 Student Textbook first. Write each answer on the line below its question. Day 15 is answered on your own.

Day 11: What Plants Need to Grow

Plant check

Plant	What we saw
Plant A	Kept in a dark closet; pale and thin
Plant B	Packed in a tiny pot with five other plants; small and crowded
Plant C	Near a sunny window and watered; green and healthy

1. Which plant has what it needs?

   Answer:

2. Which need is Plant A missing?

   Answer:

3. Which need is Plant B missing? Explain how you know.

   Answer:

Day 12: Planning a Fair Test

Leo's water test plan

	Plant 1	Plant 2
Kind of plant	Bean	Bean
Starting height	3 cm	3 cm
Pot size	Same	Same
Soil	Same potting soil	Same potting soil
Light	Sunny window	Sunny window
Water	A little each day	None

1. What is the one thing Leo is changing?

   Answer:

2. Name two things Leo kept the same.

   Answer:

3. Explain why it would not be a fair test if Plant 2 were also kept in a dark closet.

   Answer:

Day 13: Reading Test Results

Leo's results (height in centimeters)

Day	Plant 1 (watered)	Plant 2 (no water)
Day 1	3 cm	3 cm
Day 5	6 cm	4 cm, drooping
Day 10	10 cm	4 cm, brown and dry

1. How tall was Plant 1 on Day 10?

   Answer:

2. How much did Plant 1 grow from Day 1 to Day 10?

   Answer:

3. What do Leo's results show about plants and water? Use the data in your answer.

   Answer:

Day 14: Too Much or Too Little

Three pots of the same plant

Pot	Water each day	After two weeks
Pot A	None	Dry and wilted
Pot B	A small cup	Green and growing
Pot C	Filled to the top	Yellow leaves, soggy soil

1. Which pot got the right amount of water?

   Answer:

2. What happened to the plant in Pot A?

   Answer:

3. Explain why Pot C did poorly even though it got the most water.

   Answer:

Day 15: Independent Check: Plants and Fair Tests

Mia's soil test

	Plant 1	Plant 2
Kind of plant	Bean	Bean
Pot size	Same	Same
Water	Same each day	Same each day
Light	Sunny window	Sunny window
Planted in	Garden soil	Sand
Height after 2 weeks	9 cm	5 cm

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

1. What variable did Mia change?

   Answer:

2. Which plant grew taller?

   Answer:

3. Was Mia's test fair? Explain using the table.

   Answer: