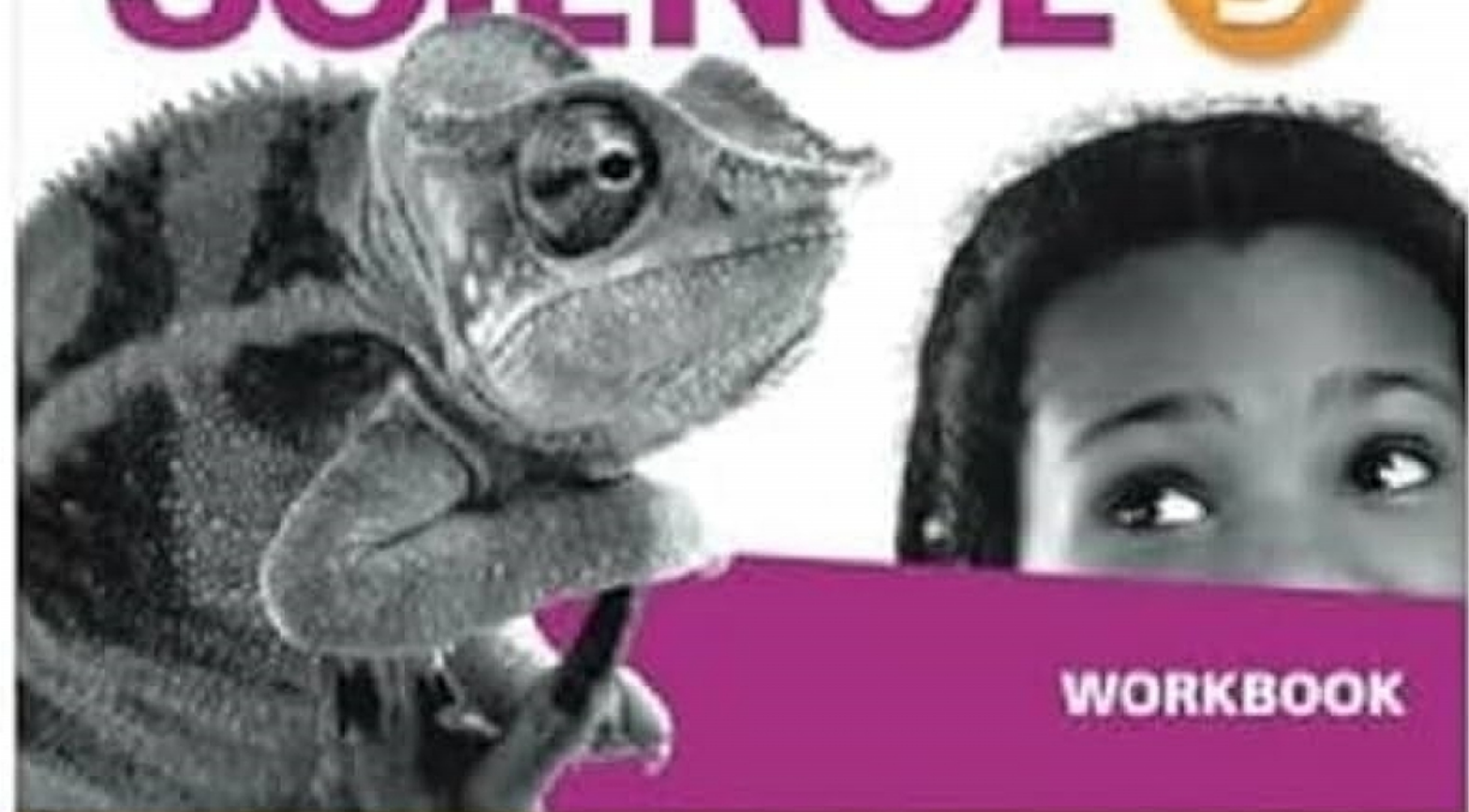


# BIG

# SCIENCE 3



**WORKBOOK**

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## Reading Tip

Read the text and underline the body parts. This will help you choose the correct senses.

- 4** How do our senses help us to find out about the world? Read and write the five senses.

### Saturday, September 12

I am in my grandmother's garden. It is very pretty. My grandmother's (1) sight isn't very good, but she uses her other senses. There are a lot of big apple trees and she uses her hands for (2) \_\_\_\_\_. When she eats the apples from the trees, she uses her mouth for (3) \_\_\_\_\_. She uses her ears for (4) \_\_\_\_\_ the birds in the trees. There are flowers next to the trees. She uses her nose for (5) \_\_\_\_\_.



- 5** Look at 4. Read and match.

- |           |               |
|-----------|---------------|
| 1 hearing | a apple trees |
| 2 smell   | b apples      |
| 3 touch   | c birds       |
| 4 taste   | d garden      |
| 5 sight   | e flowers     |

- 6** How do you use your senses? Complete for you.

- 1 I use my ears for hearing. I hear an airplane.
- 2 \_\_\_\_\_ smell. \_\_\_\_\_
- 3 \_\_\_\_\_ touch. \_\_\_\_\_
- 4 \_\_\_\_\_ taste. \_\_\_\_\_
- 5 \_\_\_\_\_ sight. \_\_\_\_\_

## Lesson 1 • What kinds of skills do scientists use?

1 What do we do in science? Look and write.

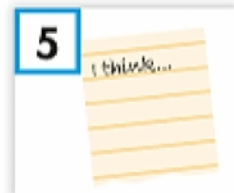
~~observe~~

predict

senses

results

experiment



observe

2 Mike has to do an experiment for homework. Read and write.  
Use the words from 1.



Hi Luke,

How are you? I have lots of homework this week 😞.

Our science teacher, Mr. Burton, wants us to carry out a(n)

(1) experiment at home.

Mr. Burton wants us to ask a question and then do an experiment to find out the answer. First, he wants us to (2) \_\_\_\_\_ the answer.

That's difficult! He says we can then compare our answer with the

(3) \_\_\_\_\_ at the end.

He thinks the best way to (4) \_\_\_\_\_ is to use our

(5) \_\_\_\_\_, like sight, smell, taste, touch, and hearing.

Help! What experiment can I do?

Write back soon!

Mike

- 3** Look at 2. Which are the simple present verbs? Underline.
- 4** Mike wrote the results of his experiment. Complete the sentences.

**Grammar Tip**

We **have** five senses: smell, hearing, touch, sight, and taste.

**Mike's Experiment**

Question: Do the birds like Tree A or Tree B more?

I predict that the birds like Tree A more.

Birds in Tree A and Tree B between 3:00 P.M. and 4:00 P.M.:

	Tree A	Tree B
Monday	5	4
Tuesday	3	4
Wednesday	1	1
Thursday	2	2
Friday	6	3

- 1** It's Monday. Tree A has five birds and Tree B \_\_\_\_\_ four birds.
- 2** It's Tuesday. Tree A \_\_\_\_\_ three birds and Tree B \_\_\_\_\_ four birds.
- 3** It's Wednesday. Tree A and Tree B \_\_\_\_\_ one bird.
- 4** It's Thursday. Tree A \_\_\_\_\_  
and \_\_\_\_\_.
- 5** It's Friday. \_\_\_\_\_  
\_\_\_\_\_.
- 5** Mike predicted that the birds like Tree A more. Is he correct? Circle.  
Y / N

## Lesson 2 • How do scientists find answers?

### 1 Simon investigates how seeds grow. Read and write.

height    conclusion    measurement    hypothesis    investigate



#### Simon's Science Blog

Posted: September 5th

Today, I am doing an experiment. I want to (1) investigate if seeds need water to grow. First, I ask the question: Do seeds need water to grow? Then, before I do the experiment, I need to make a (2) \_\_\_\_\_ to answer the question. I predict that the seeds that are watered will grow.

Now, I need to plan a fair test: I put seeds in two pots. Each day, I water only one pot. Then I look each day to see which seeds grow into a plant. I want to record the (3) \_\_\_\_\_ of the plants, so I take a (4) \_\_\_\_\_ every day.

Then I do the same experiment again to see if the results are the same.



Posted: September 21st

I finish my repeat experiment today. I compare results and draw my (5) \_\_\_\_\_. Seeds need water to grow. My hypothesis is correct 😊.

### 2 Write the details of Simon's experiment. Use the underlined text in 1.

1 Ask the question: \_\_\_\_\_ Do seeds need water to grow? \_\_\_\_\_

2 Hypothesis: \_\_\_\_\_

3 Fair test: \_\_\_\_\_

4 Repeat the investigation: \_\_\_\_\_

5 Conclusion: \_\_\_\_\_

- 3 Look at 1 and find *First* and *Then*. Circle.
- 4 Simon is planning another experiment. Read and write the steps of the experiment.

**Grammar Tip**

First, they ask questions.  
Then they investigate.

Hypothesis    Conclusion    Question    Fair test    Repeat

Question: Do plants need the sun to grow?

\_\_\_\_\_ : I predict that the plant in the sun will grow.

\_\_\_\_\_ : I put one plant in the sun and I put one plant in the dark. I measure the height of each plant each day.

\_\_\_\_\_ : I do the experiment again. I take measurements.

\_\_\_\_\_ : Plants need the sun to grow.

- 5 Write the experiment in Simon's blog.

Posted: September 25th

I want to investigate if plants need the sun to grow. First, I ask the question: \_\_\_\_\_? Then I need to make \_\_\_\_\_ to answer the question: \_\_\_\_\_.

Now, I need to plan a \_\_\_\_\_.

This is my test: \_\_\_\_\_.

I take \_\_\_\_\_. I measure the \_\_\_\_\_ of the plants every day. Then I repeat the \_\_\_\_\_. I compare results and draw my \_\_\_\_\_.