Model Test Paper

Annual • Chapters 1–14

Instructions

SEL • Self-Management Scan for answers

Time	Maximum marks
2 ½ hours	60

- This paper covers all 14 chapters of the book.
- All questions are compulsory.
- Draw diagrams neatly with a pencil and label every part.

A Tick the correct answer (11 × 1 = 11)

• Remembering

1. Saliva is made in the
☐ (a) stomach ☐ (b) mouth
☐ (c) intestine ☐ (d) liver

2. Which is a safe habit near electricity?
☐ (a) touching switches with wet hands
☐ (b) pulling a plug out by its wire
☐ (c) drying your hands before using a switch
☐ (d) flying kites near power lines

3. Ice melting into water is a change of
☐ (a) state ☐ (b) colour ☐ (c) mass
☐ (d) smell

4. The young one of a frog is a
☐ (a) caterpillar ☐ (b) tadpole ☐ (c) pupa
☐ (d) chick

5. Animals that eat both plants and animals are
☐ (a) herbivores ☐ (b) carnivores
☐ (c) omnivores ☐ (d) producers

6. The force that slows down a rolling ball is
☐ (a) gravity ☐ (b) friction
☐ (c) magnetic force ☐ (d) muscular force

7. The Earth takes about ____ to spin once on its axis.
☐ (a) 24 hours ☐ (b) 7 days
☐ (c) 30 days ☐ (d) 365 days

8. The Indian mission that landed near the Moon's south pole in 2023 is
☐ (a) Aditya-L1 ☐ (b) Chandrayaan-3
☐ (c) Mangalyaan ☐ (d) Aryabhata

9. Air is mostly made of
☐ (a) oxygen ☐ (b) carbon dioxide
☐ (c) nitrogen ☐ (d) water vapour

10. The top layer of soil, rich in humus, is
☐ (a) bedrock ☐ (b) subsoil ☐ (c) topsoil
☐ (d) weathered rock

11. A banana peel should go into the
☐ (a) green bin ☐ (b) blue bin ☐ (c) river
☐ (d) open drain

Science around me

• Experiential Learning

Look around your home. Find one example of science from any chapter and tell your family about it.

B Fill in the blanks (8 × 1 = 8)

• Remembering

monsoon | scavengers | lever | revolution | weathering | compost | groundwater | condensation

1. Most of India's rain falls in the _____ season.

2. Vultures and jackals are _____.

3. A seesaw is a kind of _____.

4. The Earth's movement around the Sun is called _____.

5. The breaking of rocks into small pieces is _____.

6. Peels and leaves rot to make _____.

7. Water stored under the ground is _____.

8. Clouds form by the _____ of water vapour.

C True or False? (6 × 1 = 6)

• Understanding

1. Loamy soil is good for most crops. ____

2. We should brush our teeth twice a day. ____

3. A butterfly lays eggs. ____

4. Gravity pulls things towards the Earth. ____

5. The Moon has its own light. ____

6. Green leaves make food using sunlight. ____

Exam tip: Read each question twice.

D Match the columns (6 × 1 = 6)

• Remembering

Column A	Column B
1. clayey soil	a. shows the north
2. alluvial soil	b. old paper into new paper
3. recycle	c. holds a lot of water
4. pulley	d. collecting rain from rooftops
5. Pole Star	e. brought by rivers; good for wheat
6. rainwater harvesting	f. raising a flag

E Answer in brief (6 × 2 = 12)

• Understanding

1. Give two ways to prevent soil erosion.

2. Name the four steps of the water cycle in order.

3. How is a cactus suited to life in the desert?

❤ Exam calm

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Sleep well the night before. Read each question twice, breathe slowly and start with what you know.

4. Write two effects of a force, with an example of each.

5. Why do we have day and night?

6. What are decomposers? Give one example.

F Answer in detail (2 × 3 = 6)

• Understanding

1. Describe the four layers of soil.

⭐ Science in the news

• Experiential Learning

Cut out a news story about weather, space or the environment. Share it with your class.

❤️ Thank you

SEL • Relationship Skills

Write a thank-you note to someone who helped you learn science this year.

Exam tip: Underline the key words.

Exam tip: Write neatly.

2. What are the 3 Rs? Explain each with an example.

G Draw a neat, labelled diagram (any two) (2 × 3 = 6)

• Creativity

Draw any **two** of these. Label at least four parts in each.

1. The **digestive system**: mouth, food pipe, stomach, small intestine, large intestine.
2. **Parts of a tooth**: crown, root, enamel, dentine, pulp, gum.
3. **Parts of a plant**: root, stem, leaf, flower, fruit.

Diagram 1

💡 Revision tip

After a test, look at your mistakes and learn the right answer. Mistakes help us learn.

Diagram 2

H Case study (3 × 1 = 3) • Analysing

In Ravi's colony, garbage is burnt every evening and the drains are full of plastic bags.

1. Which two kinds of pollution are happening here?
2. How can plastic in drains cause trouble in the rainy season?
3. Suggest one step the children of the colony can take.

My study plan

SEL • Self-Management

This week I will revise: _____

I will ask for help with: _____

Revision tip

Make a mind map for each chapter. Use one colour for each main idea.

Exam tip: Draw diagrams with a pencil.

I Read the data (2 × 1 = 2) • Analysing

Rain measured in a school rain gauge:

Month	Rain (mm)
June	120
July	300
August	260
December	5

1. Which month had the most rain?
2. In which season do June to August fall?

Revision tip

Explain a topic to a friend or a family member. Teaching is a great way to learn.

Revision tip

Read the Let's Recall box of each chapter before a test.

Revision tip

Draw and label diagrams from memory, then check them with the book.

Revision tip

Revise a little every day instead of a lot on one day.

Revision tip

Make flash cards: a word on one side and its meaning on the other.

Exam tip: Label every diagram.