

FREE PRACTICE PACK · EDITION 1

Class 2 Science Olympiad practice

16 original questions + explained answers

For students preparing for SOF ISO.

Inside this pack

Eight topic-practice questions and an eight-question, 15-minute mini-mock.

Topics selected for practice

- Living things and needs
- Plants and animals
- Materials and water
- Earth and safety

How to use it

Try the practice first. Complete the mini-mock in one sitting. Check the explanations, mark mistakes, and retry them the next day. A parent or teacher may read the instructions aloud.

This pack covers selected topics. It is original BodhiScore material, independent of SOF, and is not an official paper or a full-length exam. Check the official syllabus for the complete scope.

Topic practice

Work through these eight questions without a timer. Explain your choice before checking the solutions.

1. Living things and needs

A puppy is panting on a hot day. Which action helps it cool safely?

- | | |
|-----------------------------------|---|
| A. Keep it in a hot car | B. Stop it drinking |
| C. Give it shade and water | D. Cover it with a thick blanket |
-

2. Plants and animals

A plant has wilted because its soil is dry. What should you do first?

- | | |
|--------------------------------|---------------------------------|
| A. Put it in a cupboard | B. Cover it with plastic |
| C. Water the soil | D. Pull off its roots |
-

3. Materials and water

Which material is most suitable for a rain boot?

- | | |
|-----------------------------|-------------------------|
| A. Waterproof rubber | B. Tissue paper |
| C. Loose cotton wool | D. Unbaked flour |
-

Topic practice (continued)

4. Earth and safety

Which is the safest way to cross a road?

- A.** Use a crossing with an adult
 - B.** Run between parked cars
 - C.** Follow a ball into traffic
 - D.** Cross while looking at a screen
-

5. Living things and needs

A plant and a toy are both placed in sunlight. Which one can grow?

- A.** Plant
 - B.** Toy
 - C.** Both
 - D.** Neither
-

6. Plants and animals

A duck has webbed feet. How do they help it?

- A.** Push against water
 - B.** Dig through rock
 - C.** Catch light
 - D.** Make a nest
-

Topic practice (continued)

7. Materials and water

Salt is stirred into water until it seems to disappear. What happened?

- | | |
|-------------------------------|-------------------------------|
| A. It vanished forever | B. It dissolved |
| C. It became a gas | D. It turned into sand |
-

8. Earth and safety

Why should litter be put in a bin?

- | | |
|--|-------------------------------------|
| A. It feeds every animal safely | B. It turns into clean water |
| C. It keeps places cleaner and protects animals | D. It makes more rain |
-

Timed mini-mock

Set a 15-minute timer for these eight questions. Score 1 point per correct answer; there is no penalty for an incorrect answer. This is BodhiScore's practice scoring.

9. Plants and animals

A seedling bends toward a sunny window. What is it responding to?

- | | |
|-----------------------|--------------------|
| A. Cold metal | B. Light |
| C. Loud sounds | D. A magnet |
-

10. Living things and needs

Which observation is evidence that a bean seed is alive?

- | | |
|-----------------------|---|
| A. It is dry | B. It sprouts when given suitable conditions |
| C. It is brown | D. It is small |
-

11. Materials and water

Which object is likely to float on water?

- | | |
|-------------------------|-------------------------|
| A. A heavy stone | B. A metal key |
| C. A dry cork | D. A steel spoon |
-

Timed mini-mock (continued)

12. Earth and safety

You find an unknown bottle with a warning symbol. What should you do?

- A.** Taste its contents
 - B.** Pour it out
 - C.** Take it home
 - D.** Tell an adult and do not touch it
-

13. Plants and animals

A bird builds a nest in a tree. Which need does the nest help meet?

- A.** Producing soil
 - B.** Shelter for eggs and young
 - C.** Making sunlight
 - D.** Changing into a fish
-

14. Living things and needs

Two identical seedlings receive equal water, but one is kept dark. What difference is most likely after several days?

- A.** The dark seedling makes more light
 - B.** The sunny seedling stops needing water
 - C.** Both become stones
 - D.** The dark seedling grows pale and weak
-

Timed mini-mock (continued)

15. Materials and water

A puddle gets smaller on a warm sunny day. Where did much of its water go?

- A.** It changed into soil
 - B.** It turned into ice
 - C.** It became salt
 - D.** It evaporated into the air
-

16. Earth and safety

After rain, a path is slippery. What is a sensible way to walk?

- A.** Run as fast as possible
 - B.** Close your eyes
 - C.** Jump on the wettest spots
 - D.** Walk slowly and carefully
-

Answers and explanations

Check why the answer works, then retry any question you missed.

1. C - Give it shade and water

Shade and water help an animal cope with heat.

2. C - Water the soil

Water replenishes what the dry soil lacks.

3. A - Waterproof rubber

Rubber resists water and helps keep feet dry.

4. A - Use a crossing with an adult

An adult and designated crossing help you cross safely.

5. A - Plant

A plant is alive and grows; sunlight alone does not make a toy grow.

6. A - Push against water

Webbing spreads the toes and helps a duck paddle.

7. B - It dissolved

Salt dissolves and mixes through the water.

8. C - It keeps places cleaner and protects animals

Proper disposal reduces pollution and danger to wildlife.

Answers and explanations (continued)

9. B - Light

Growing plants often bend toward a source of light.

10. B - It sprouts when given suitable conditions

Sprouting is growth, a sign the seed is living.

11. C - A dry cork

Cork is generally less dense than water and floats.

12. D - Tell an adult and do not touch it

Unknown chemicals may be harmful; keep away and tell an adult.

13. B - Shelter for eggs and young

A nest protects eggs and chicks.

14. D - The dark seedling grows pale and weak

Without light a seedling cannot make enough food for healthy growth.

15. D - It evaporated into the air

Heat causes liquid water to evaporate into water vapour.

16. D - Walk slowly and carefully

Slow careful steps reduce the chance of slipping.

Topic scope checked against SOF syllabus: [SOF ISO Class 2 syllabus](#)