

Living and Non-living Things

Science · Class 1 · Topic-wise Practice Worksheet

TIME 30 minutes	QUESTIONS 15	TOTAL MARKS 18	MAX. SCORE ___ / 18
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Name: _____ Class/Sec: _____ Date: _____

INSTRUCTIONS

- There are **15 questions**. Answer all of them.
- Each question has four choices — (A), (B), (C) and (D). Only **one** is correct.
- Questions 1–12 carry **1 mark** each. Questions 13–15 carry **2 marks** each.
- There is no negative marking. Look at every picture carefully.

Section A — Living or Non-living?

Q1–Q8 · 1 mark each

1. Which of these is a **living** thing?

- | | |
|-------------|-------------|
| (A) A dog | (B) A chair |
| (C) A stone | (D) A book |

2. Which of these is a **non-living** thing?

- | | |
|-------------|------------|
| (A) A tree | (B) A bird |
| (C) A table | (D) A fish |

3. All living things need _____ to stay alive.

- | | |
|-----------|--------------------|
| (A) Toys | (B) Money |
| (C) Books | (D) Food and water |

4. Which of these can **grow**?

- | | |
|-------------|--------------|
| (A) A plant | (B) A pencil |
| (C) A ball | (D) A cup |

5. Living things breathe in _____.

- | | |
|----------|-------------|
| (A) Sand | (B) Air |
| (C) Wood | (D) Plastic |

6. Which of these can move on its own?

- | | |
|----------------|------------|
| (A) A cupboard | (B) A shoe |
| (C) A cat | (D) A rock |

7. Look at the picture. Which one is a living thing?

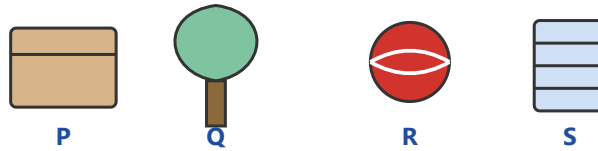


Fig. 7.1 — A box, a plant, a ball and a book

- (A) P (B) Q
(C) R (D) S

8. Which of these do living things do but non-living things do **not** do?

- (A) Break (B) Get dirty
(C) Fall down (D) Grow bigger by themselves

Section B — Thinking About Living Things

Q9–Q12 · 1 mark each

9. A car moves fast on the road, but it is a non-living thing. Why?

- (A) Because it does not eat, grow or breathe (B) Because it is made of metal
(C) Because it is big (D) Because it has wheels

10. Which pair has **both** living things?

- (A) Cow and cupboard (B) Fish and hen
(C) Tree and bus (D) Chair and doll

11. Plants are living things because they _____.

- (A) Are green in colour (B) Stand still in one place
(C) Grow, need water and make their own food (D) Are found in gardens

12. Baby animals grow up to look like their parents. This shows that living things can _____.

- (A) Break (B) Float
(C) Melt (D) Reproduce

Achievers Section

Q13–Q15 · 2 marks each

13. A wooden table was once part of a living tree. What is the table now?

- (A) A non-living thing, because it no longer grows or needs food (B) A living thing, because wood came from a tree
(C) Both living and non-living (D) It is a plant

14. Which of these is **not** true about living things?

- (A) They need food (B) They stay exactly the same size for ever
(C) They grow (D) They need air

- 15.** Ria says, 'A river moves and a cloud moves, so both are living.' Is she right?
- (A) Yes, because they move
 - (B) Yes, because water is needed by living things
 - (C) No, because they do not eat, grow or breathe
 - (D) No, because they are too big

Answer Key

1	A	2	C	3	D	4	A	5	B
6	C	7	B	8	D	9	A	10	B
11	C	12	D	13	A	14	B	15	C

Solutions

1. Answer: (A) A dog

A **dog** eats, breathes, grows and moves on its own, so it is a living thing. Chairs, stones and books do none of these.

2. Answer: (C) A table

A **table** does not eat, grow or breathe. Trees, birds and fish are all living.

3. Answer: (D) Food and water

Every living thing must have **food and water** to grow and stay alive. They also need air.

4. Answer: (A) A plant

A **plant** starts as a tiny seedling and gets bigger over time. Non-living things stay the same size.

5. Answer: (B) Air

All living things need **air** to breathe. Without it they cannot stay alive.

6. Answer: (C) A cat

A **cat** can walk, run and jump by itself. A shoe or a cupboard only moves when someone moves it.

7. Answer: (B) Q

Q is a plant. It grows, needs water and air, and makes its own food, so it is living. P is a box, R is a ball and S is a book — all non-living.

8. Answer: (D) Grow bigger by themselves

Only living things **grow bigger by themselves**. Anything can break, get dirty or fall down.

9. Answer: (A) Because it does not eat, grow or breathe

Moving is not enough to be living. A car **does not eat, grow or breathe**, and it only moves when a driver makes it move.

10. Answer: (B) Fish and hen

A **fish and a hen** are both animals, so both are living. Each of the other pairs has at least one non-living thing.

11. Answer: (C) Grow, need water and make their own food

Plants **grow, need water and make their own food** — those are signs of life. Being green or standing still does not decide it.

12. Answer: (D) Reproduce

Living things can **reproduce**, which means they can have young ones of their own kind. Non-living things cannot.

13. Answer: (A) A non-living thing, because it no longer grows or needs food

The tree was living, but once the wood is cut and made into a table it stops growing, feeding and breathing. So the table is now **a non-living thing**.

14. Answer: (B) They stay exactly the same size for ever

Living things do need food and air and they do grow. It is **not** true that they stay the same size for ever — growing is one of the main signs of life.

15. Answer: (C) No, because they do not eat, grow or breathe

Ria is wrong. Movement alone does not make something living. A river and a cloud are pushed along by gravity and wind — they **do not eat, grow or breathe**, so they are non-living.