

NSO Science Worksheet – Class 4

 Total Questions: 35 | Level: Olympiad Prep

Section A: Logical Reasoning (Q1–10)

- Which one is different from the rest?
a) Rabbit b) Deer c) Goat d) Crocodile
- Which part of the plant is responsible for photosynthesis?
a) Root b) Leaf c) Stem d) Flower
- Arrange these in increasing size:
Moon, Sun, Earth
- Which of the following cannot move on its own?
a) Dog b) Table c) Bird d) Ant
- What comes next in the pattern?
Solid, Liquid, Gas, ____
- Which is the odd one out?
a) Car b) Fan c) Bullock cart d) Bus
- If all cows are animals and some animals are wild, are all cows wild?
a) Yes b) No c) Maybe d) Can't say
- Which of the following is a herbivore?
a) Lion b) Tiger c) Cow d) Snake
- Which object will float in water?
a) Iron nail b) Wood c) Coin d) Key
- Complete the analogy:
Eyes : See :: Ears : _____

Section B: General Science (Q11–25)

- Which organ pumps blood to all parts of the body?
- Name the gas we breathe in to stay alive.
- Which celestial body gives us light and heat?
- What is the main function of the **root**?
- Animals that give birth to young ones are called _____.
- Which organ helps in digestion and lies behind the stomach?
- What is the solid form of water called?
- Which part of the plant becomes a fruit?
- Which planet is closest to the Sun?
- Name one living and one non-living thing.
- Which organ helps us in breathing?
- Which planet is known as the Red Planet?

23. Which animal lays eggs?
24. How many bones are there in the human body (approx)?
25. What is the color of healthy leaves?

Section C: Environment & Universe (Q26–30)

26. Name two sources of clean water.
27. What causes **air pollution**?
28. What do we call the group of 7 stars that look like a question mark?
29. Name two renewable sources of energy.
30. What protects the Earth from harmful rays of the sun?

Section D: Achievers' Section – HOTS (Q31–35)

31. Why do camels have humps?
32. A frog lays eggs. But is it an amphibian or reptile?
33. Why do we see lightning before hearing thunder?
34. What would happen if there were **no trees**?
35. Why do astronauts wear space suits?

NSO Science Worksheet Answers

Section A: Logical Reasoning (1–10)

1. **d) Crocodile** (It is a reptile, others are herbivores)
2. **b) Leaf**
3. **Moon < Earth < Sun**
4. **b) Table**
5. **Plasma** (*Advanced: acceptable answer can also be "Cloud" if the pattern is atmospheric*)
6. **c) Bullock cart** (It doesn't use fuel/electricity)
7. **b) No**
8. **c) Cow**
9. **b) Wood**
10. **Hear**

☞ Section B: General Science (11–25)

11. **Heart**
12. **Oxygen**
13. **Sun**
14. **Absorbs water and minerals; anchors plant**
15. **Mammals**
16. **Pancreas**
17. **Ice**
18. **Flower**
19. **Mercury**
20. **Living: Dog | Non-living: Chair**
21. **Lungs**
22. **Mars**
23. **Duck / Hen / Fish (any one)**
24. **206 bones (approx)**
25. **Green**

🌍 Section C: Environment & Universe (26–30)

26. **Rainwater, Groundwater, River (any two)**
27. **Smoke from vehicles, factories, burning plastic, etc.**
28. **Saptarishi (The Big Dipper)**
29. **Sunlight, Wind, Water (any two)**
30. **Ozone Layer**

💡 Section D: Achievers' Section – HOTS (31–35)

31. **To store fat for energy and water in the desert**
32. **Amphibian (It can live both on land and in water)**
33. **Because light travels faster than sound**
34. **There would be less oxygen, more pollution, and climate imbalance**
35. **To protect from vacuum, extreme temperature, and lack of oxygen in space**