

Air, Water and Weather

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 — Air and Water

Q1–Q8 · 1 mark each

- We breathe in _____.
 (A) Air (B) Water
 (C) Sand (D) Milk
- Can we see air?
 (A) Yes, it is white (B) Yes, it is blue
 (C) No, but we can feel it (D) No, and we cannot feel it either
- Moving air is called _____.
 (A) Rain (B) Snow
 (C) Cloud (D) Wind
- Which of these floats on water?
 (A) A wooden stick (B) A stone
 (C) An iron nail (D) A coin
- Water that we drink should be _____.
 (A) Muddy (B) Clean
 (C) Coloured (D) Dirty
- When water becomes very cold it turns into _____.
 (A) Steam (B) Air
 (C) Ice (D) Smoke
- Where do we get rain water from?
 (A) Roads (B) Trees
 (C) Rocks (D) Clouds

8. Which of these do we use water for?

- (A) Drinking and bathing
- (C) Singing

- (B) Reading
- (D) Sleeping

Section B — Weather and Seasons

Q9–Q12 · 1 mark each

9. Look at the pictures. Which one shows a **rainy** day?

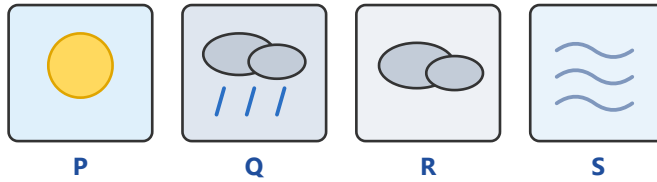


Fig. 9.1 — Four kinds of weather

- (A) P
- (C) R

- (B) Q
- (D) S

10. In which season do we feel very hot?

- (A) Winter
- (C) Rainy

- (B) Summer
- (D) Spring

11. Wet clothes hung in the sun become dry. Where does the water go?

- (A) It sinks into the cloth
- (C) It goes into the air

- (B) It turns into ice
- (D) It stays in the cloth

12. Which of these tells us that the wind is blowing?

- (A) A wall stands straight
- (C) A book stays shut

- (B) A stone lies still
- (D) A flag flutters

Achievers Section

Q13–Q15 · 2 marks each

13. An empty glass is pushed straight down into a bucket of water, mouth first. The water does not fill the glass. Why?

- (A) Because the glass is already full of air
- (C) Because water is heavy

- (B) Because the glass is too small
- (D) Because the glass is made of glass

14. Why should we not waste water?

- (A) Because it is heavy to carry
- (C) Because it is cold

- (B) Because clean water is limited and all living things need it
- (D) Because it has no colour

15. On a cold morning we can see our breath coming out like smoke. What is this 'smoke' really?

- (A) Real smoke
- (C) Tiny drops of water formed when warm breath cools

- (B) Dust from the air
- (D) Air turning into ice

Answer Key

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

Solutions

1. Answer: (A) Air

We breathe in **air**. Every living thing needs air to stay alive.

2. Answer: (C) No, but we can feel it

Air has no colour, so we cannot see it. But **we can feel it** when the wind blows on our face and we can see it move leaves and flags.

3. Answer: (D) Wind

When air moves from place to place we call it **wind**. Wind can fly a kite and turn a windmill.

4. Answer: (A) A wooden stick

A **wooden stick** is light for its size, so it floats. Nails, stones and coins are heavy for their size and sink.

5. Answer: (B) Clean

Drinking water must be **clean**. Dirty water carries germs that can make us very ill.

6. Answer: (C) Ice

On cooling a lot, water freezes and becomes solid **ice**.

7. Answer: (D) Clouds

Rain falls from the **clouds** in the sky. Clouds are made of countless tiny drops of water.

8. Answer: (A) Drinking and bathing

We use water for **drinking and bathing**, and also for cooking, washing clothes and watering plants.

9. Answer: (B) Q

Q shows a cloud with drops of water falling from it, which means rain. **P** shows a bright sun, **R** shows clouds only and **S** shows lines of wind.

10. Answer: (B) Summer

In **summer** the sun is very strong and the days are long, so we feel hot.

11. Answer: (C) It goes into the air

The sun's heat turns the water into invisible water vapour, and **it goes into the air**. This is why clothes dry faster on a hot, windy day.

12. Answer: (D) A flag flutters

We cannot see air, but we can see what it does. **A flag fluttering** shows that the wind is blowing.

13. Answer: (A) Because the glass is already full of air

The glass is not really empty — it is **already full of air**. The air has nowhere to escape, so it keeps the water out. This shows that air takes up space.

14. Answer: (B) Because clean water is limited and all living things need it

Although there is a lot of water on the earth, only a small part of it is clean and fit to drink. **Clean water is limited and all living things need it**, so we must use it carefully.

15. Answer: (C) Tiny drops of water formed when warm breath cools

Our breath carries warm water vapour. When it meets the cold air outside it cools at once and turns into **tiny drops of water**, which we can see as a small cloud. It is not smoke at all.