

VIDYA BHAWAN BALIKA VIDYAPEETH, LAKHISARAI

CLASS-3

SUBJECT-SCIENCE

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BASED ON NCERT PATTERN

Chapter-12, Air , water and weather

Practicum zone

A. Tick ' ' the correct option:-

1. Air is a mixture of (oxygen/gases / Nitrogen)
2. We take in (oxygen /carbon dioxide/ sodium gas)
3. (Water / Milk/ coke) is the most important liquid on Earth.
4. Moving air is called (Atmosphere/wind /pressure)

B. Give reasons:-

1. Water is the most important liquid on Earth.
Answer- This is because no living thing can live without water.
2. Storm can be harmful.
Answer- This is because they can uproot trees and break houses.
3. Plants and animals dry during drought.
Answer- This is because during droughts there is lack of food and water .

C. Answer the following:

1. **What does air contain?**

Answer- Air is a mixture of gases, dust and water vapour.

2. What is a storm?

Answer- When the wind blows very fast accompanied by rain or snow , it is known as storm.

3. How are floods harmful to us?

Answer- Floods damage crops , buildings, roads and even hundreds of villages.

4. How does weather affect our lives?

Answer- The things we eat, drink, wear and enjoy , depends on the weather.

5. What is water cycle ?

Answer- Water keep changing its form in nature. The water becomes vapour when the sun shines and after coming in contact with cool air , vapours get converted into rain droplets. Hence this cycle in nature goes on and on.

D. What do you understand by these terms?

- 1. Wind- Moving air.**
- 2. Breeze -Soft moving air.**
- 3. Hail- Balls of ice falling along with rain.**

E. Match the following:-

1. Summer season → April, May, June
2. Winter season → November, December, January
3. Autumn season → October, November
4. Spring season → February, March
5. Monsoon season → July, August, September

Chapter-13,

The Sun, The Moon and The Stars

Points to learn:-

- The study of heavenly bodies is called astronomy.
- The people who study astronomy, are called astronomers.
- Our space is a beautiful and mysterious place. It has stars, Planets , Satellites , and many other heavenly bodies.
- The Sun:-
- The Sun is the closest star to Earth.
- All planets revolve around the Sun.
- The temperature of sun's surface is 5400 °C.
- The Moon:-
- The Moon is the natural satellite of Earth.
- Moon takes about 28 days to revolve around the Earth.
- Moon has no lights of its own.
- There is no air and water on the moon.

- There are huge holes on the surface of moon which are known as craters.
- The different shapes of Moon is called phases of Moon.
- Stars:-
- Stars are huge heavenly bodies which have light of their own.
- Sometimes stars appear in fixed groups or patterns . These are called constellation.
- People use telescope to observe the sun, moon, Planets and stars.

Practicum zone

A. Tick the correct option:-

1. The sun gives us

- a. Heat
- b. Light
- c. Both of them
- d. None of these

2. Which is the natural satellite of the Earth?

- a. Aryabhata
- b. Sun
- c. Moon
- d. Star

3. A huge ball of fire which gives us light is

- a. The moon
- b. The Sun

- c. The Earth
- d. None of these

B. Define the following:-

- a. Constellation:-The fixed patterns of stars.
- b. Craters-Holes on the surface of the Moon.
- c. Telescope- An instrument used to study heavenly bodies.
- d. Star- A huge ball of fire which gives out heat and light.