



# VIDYA SHREE ACADEMY

## SR. SEC. SCHOOL

An English Medium Co.Ed. School | Science & Commerce



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**SUBJECT: EVS**

**CLASS: 4**

### CHAPTER 27 (Ever-Changing Weather)

**Learn and write the following hard words-**

1. Weather
2. Land breeze
3. Water Cycle
4. Frost
5. Hail
6. Expands
7. Lighter
8. Heavier
9. Movement
10. Creates
11. Directly
12. Hottest
13. Perform
14. Quickly
15. Discomfort
16. Damage
17. Visibility
18. Flights
19. Delayed
20. Accidents

**Learn and write the following book exercises-**



(Use Cordova Smart Class Software on the smart board in class to do these exercises.)

**A. Tick (✓) the correct answers.**

1. When the air gets heated, it becomes  
(a) lighter.  (b) heavier.  (c) remains the same.
2. During the day a cool breeze blows from the sea towards the land. It is called  
(a) land breeze.  (b) sea breeze.  (c) wind.
3. Heavy rainfall causes  
(a) floods.  (b) earthquakes.  (c) sea breeze.
4. During winters, the flights get delayed because of heavy  
(a) clouds.  (b) fog.  (c) breeze.

**B. Fill in the blanks.**

1. The Weather is the condition of the atmosphere around us.
2. The cool breeze blowing from the land towards sea is called land breeze.
3. The continuous movement of water from the earth's surface to the atmosphere and from the atmosphere back to the earth is called water cycle.

**Learn and write the following questions and answers-**

**Very short answer questions.**

**1. What plays an important role in weather changes?**

Weather, land breeze, water cycle.

**2. What harms the farmer's crop?**

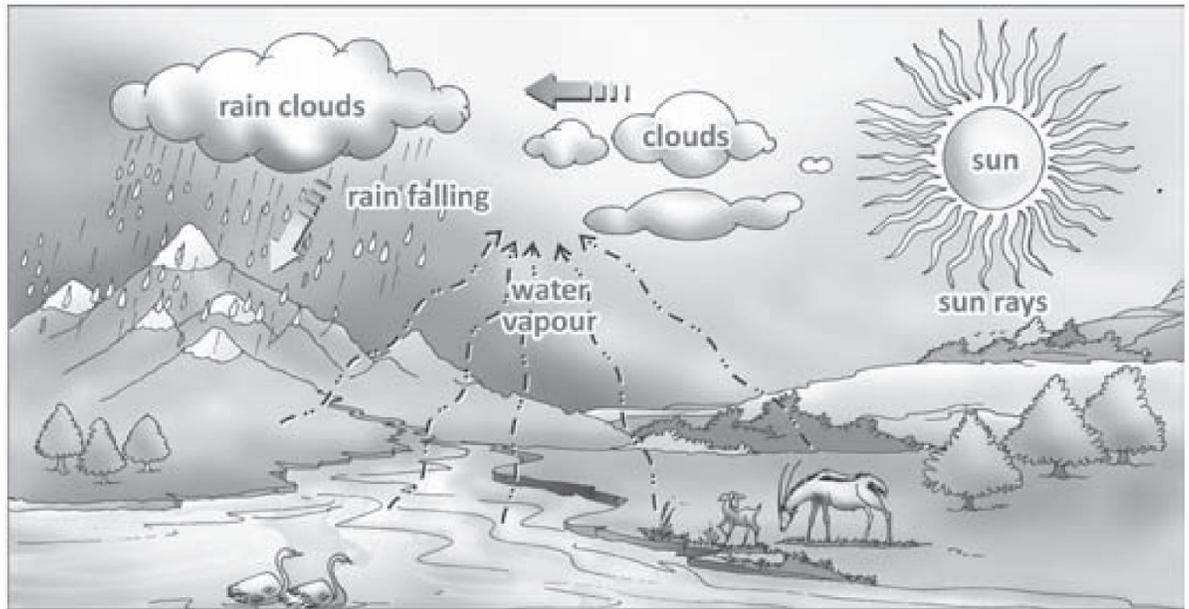
Sun, frost and hail.

**Short answer questions.**

**1. How does the sun cause wind?**

The sun warms up the air near the earth. This hot air expands and becomes lighter. As the hot air rises up, cool air which is heavier flows to take its place. This movement of air creates winds.

**2. Draw the water cycle.**



**water cycle in nature**

**3. Why is the noon hottest time of the day?**

At noon the sun rays fall directly on the earth. That is why noontime is the hottest time of the day.

**Long answer questions.**

**1. How are land and sea breeze caused?**

The sea breeze blows during the day time. During day time land gets heated more quickly than the sea. The air above the land gets heated up, becomes lighter and rises up. The cooler air above the sea blows to take the place of hot air. Thus, the cool breeze flows from sea to land. Similarly, the land breeze blows during night time. During the night, the land cools down more quickly than the sea. The air above the sea is warmer and

**2. How does the weather affect the life of people?**

Our lifestyle depends on the weather and climate of a place. We wear clothes, play games, eat fruits, vegetables and other food items according to the weather. But certain weather conditions bring a lot of disturbance in our normal lifestyle and cause discomfort.

- (i) Heavy rainfall causes floods that damage crops and houses.
- (ii) Thick fog during winter reduces visibility. The flights and trains get delayed and accidents can occur.
- (iii) Frost and hail cause harm to the farmer's crops.