

Subject: science

Date: 16-04-2020

WEATHER AND SEASONS - WEATHER

SYNOPSIS:

1. The changes in day to day conditions in the air is called weather.
2. The sun, air and water together play a major role in changing weather.
3. We see sunny, cold, rainy, dry and humid weather in day to day life.
4. The sun, wind, water vapour, clouds and rain are some of the factors that affect the weather.



5. The sun makes the weather warm during the day. In the absence of sunlight during night, weather remains cool.



6. Due to the sun's heat, the wind becomes warm. The warm air is light. It raises up and cool air occupies the space. Thus, the surface of the earth remains balanced.
7. The heat of the sun changes the water at the surfaces of oceans, seas, rivers and lakes into vapour. The vapour present in the air is humid or moist air.

8. Places close to sea have humid weather. This is why, when we visit Visakhapatnam, we feel sweaty and humid as the city is close to Bay of Bengal.



9. The water vapour is light and it rises up and cools down and forms into tiny water droplets. These water droplets form clouds and block the sunlight.
10. When the clouds become heavy they condense and form into rain.



Video link

<https://www.youtube.com/watch?v=kJYsod98VQU>