

WELCOME TO THE ONLINE CLASS

SESSION NO: 1

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 12

CHAPTER NAME: AIR, WATER AND WEATHER

**SUB TOPIC: INTRODUCTION & THE SUN CAUSES CHANGES
IN WEATHER**

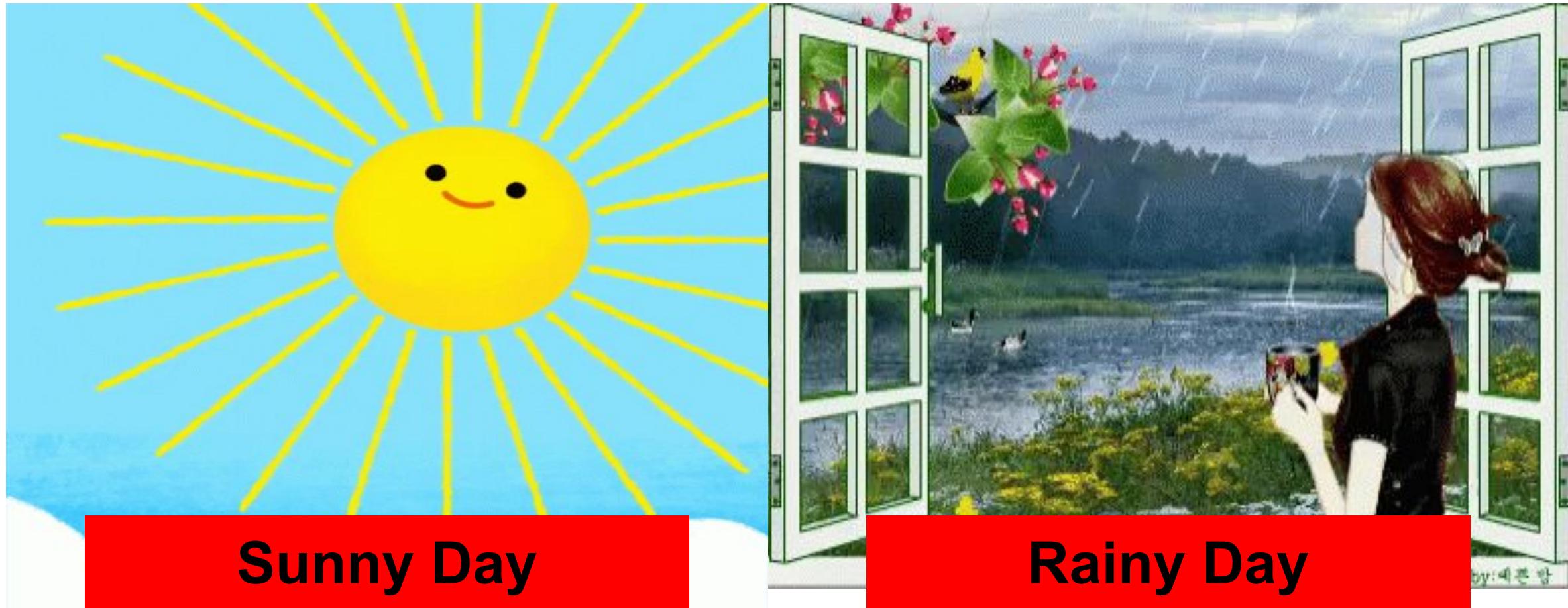
CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

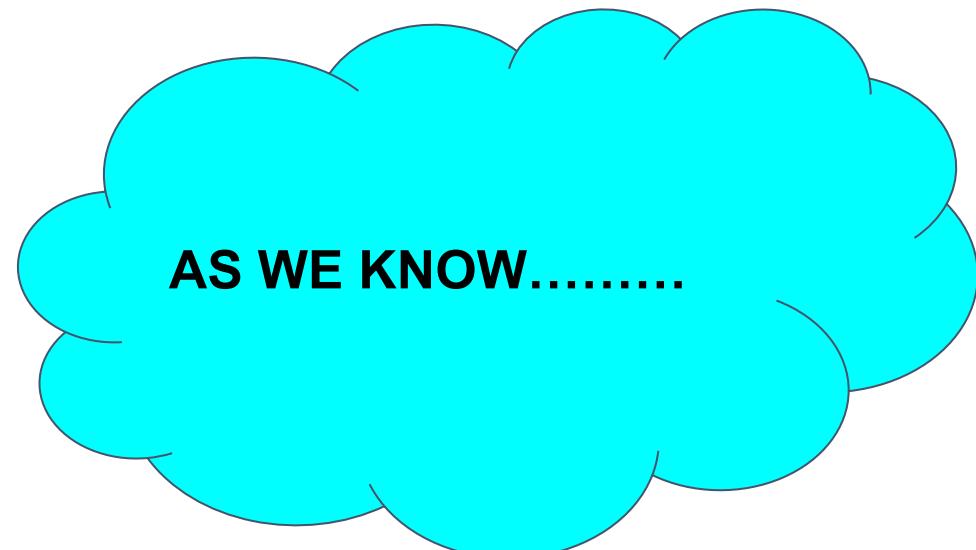
Learner will able to:

- **Know that sun causes changes in the weather.**
- **understand how the sun affects the movement of air and changes the form of water.**

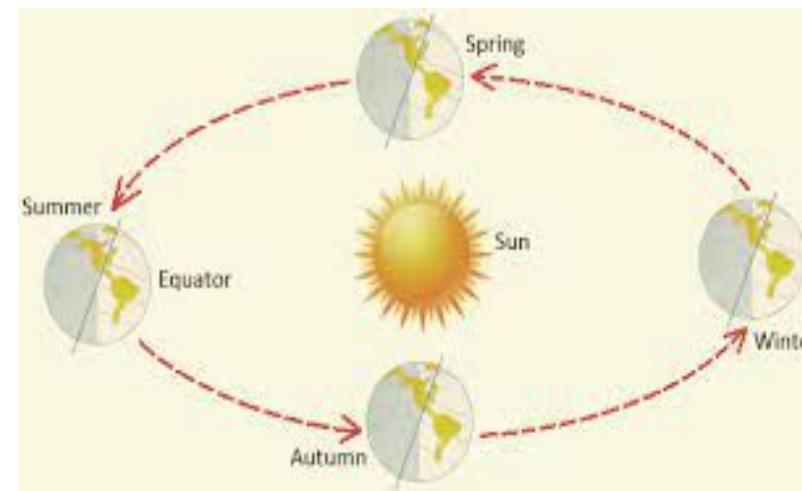
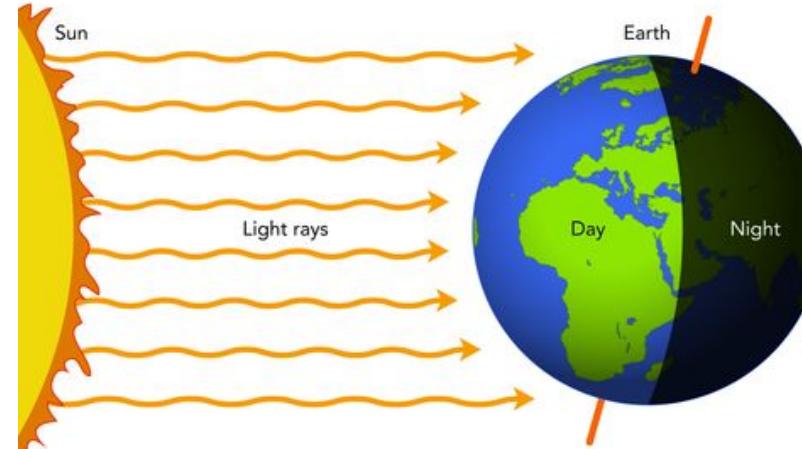
INTRODUCTION



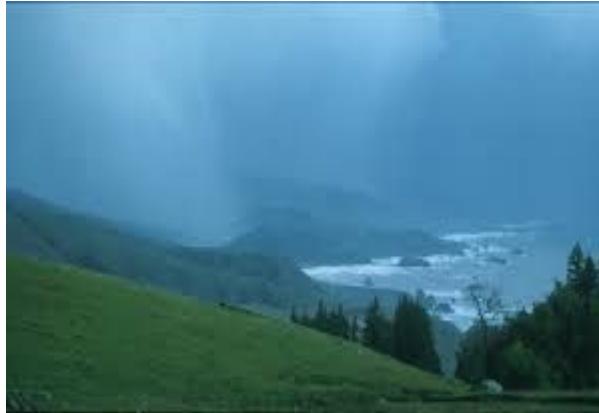
- Sun causes the changes in weather.



- **Rotation of earth causes changes in day and night.**
- **Revolution causes the changes in the seasons.**



WEATHER



WEATHER: It is the condition of the atmosphere surrounding us at a particular time, in terms of temperature , atmospheric pressure, wind and moisture.

- Weather can be dry, hot, cold, windy or humid.

HUMID



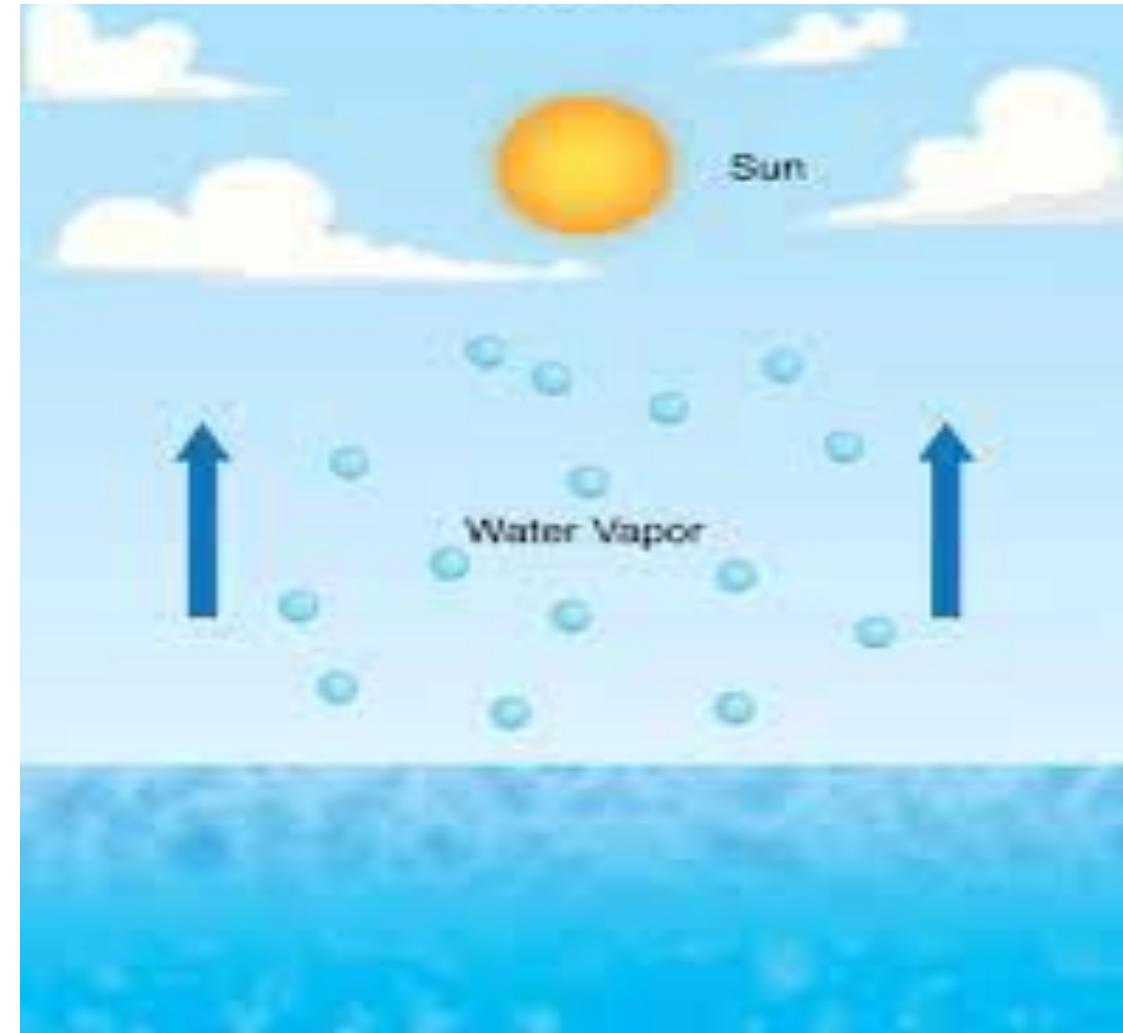
- When you feel sticky and sweat doesn't dry: it is **humid** because there is a lot of moisture in the air.

THE SUN CAUSES CHANGES IN THE STATES OF WATER

- The heat of the sun changes water into water vapour.

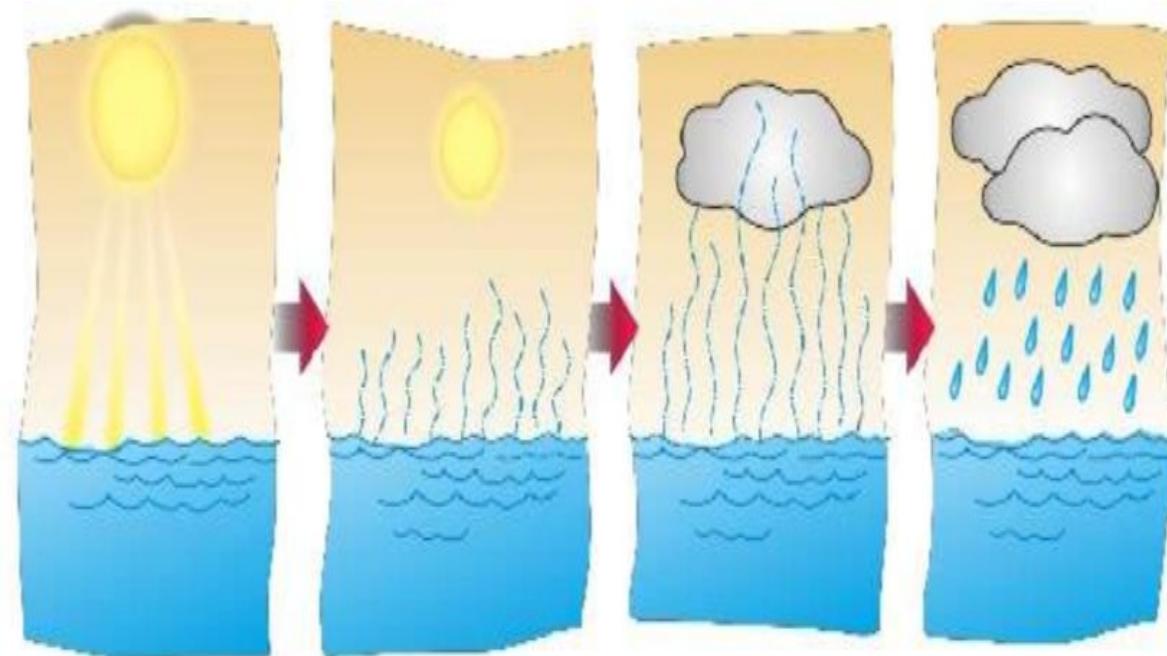
WATER VAPOUR

- Water vapour is water that is in the form of a gas.



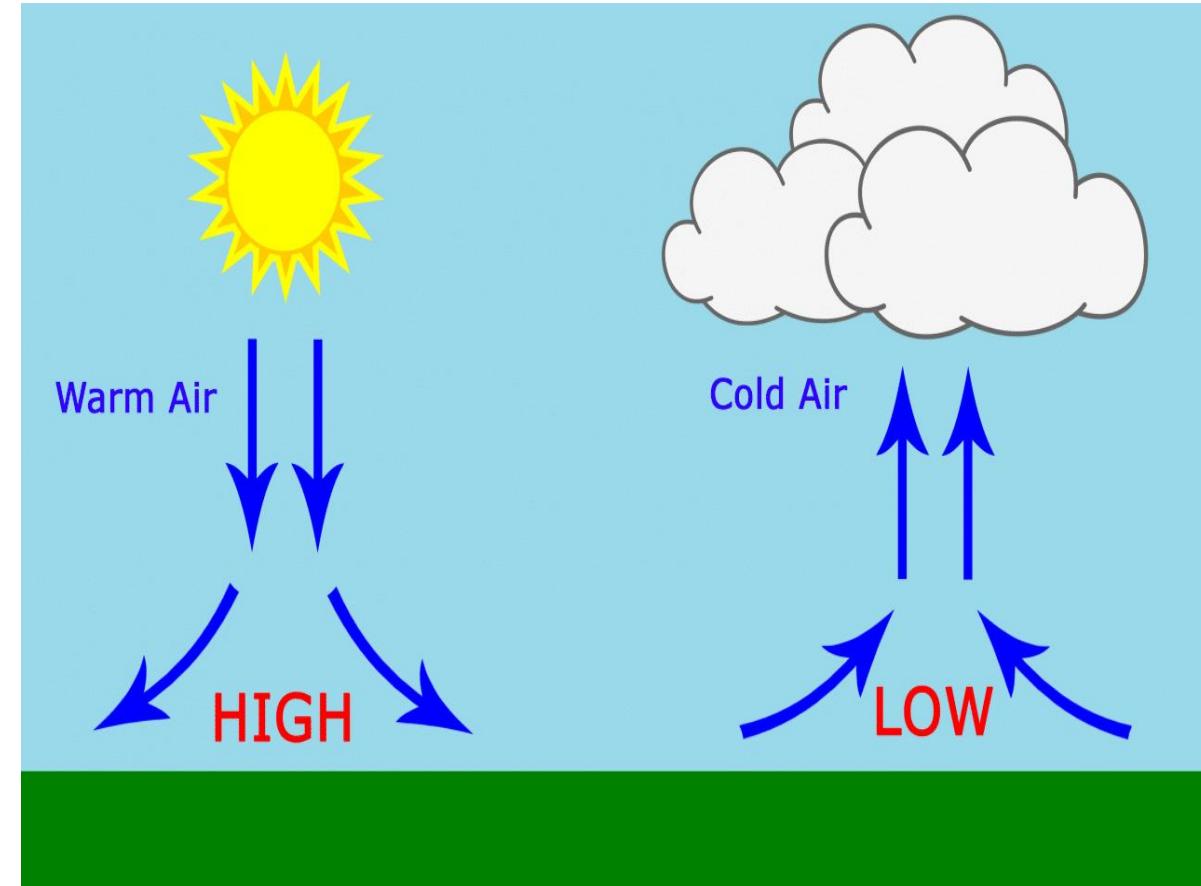
THE SUN CAUSES CHANGES IN THE STATES OF WATER

- Water vapour rises and forms clouds.
- When clouds become too heavy, they fall as rain.
- Water vapour falls as snow when the atmosphere is extremely cold.



THE SUN CAUSES WINDS TO BLOW

- The movement of the wind is affected by the heat of the sun.
- The heat of the sun heats up the air.
- After heating, air becomes lighter and rises.
- The cool air, which is heavier, moves in to take its place.



SUMMARY

- **Weather is the condition of the atmosphere surrounding us at a particular time, in terms of temperature , atmospheric pressure, wind and moisture.**
- **Weather can be dry, hot, cold, windy or humid.**
- **The heat of the sun changes water into water vapour.**
- **Water vapour rises and forms clouds.**
- **When clouds become too heavy, they fall as rain.**
- **Water vapour falls as snow when the atmosphere is extremely cold.**

QUIZ!



1. In which weather you start feeling sticky and sweat doesn't dry?

Ans: Humid

2. Water vapour rises and form into _____.

Ans: clouds

3. The movement of the _____ is affected by the heat of the sun.

Ans: wind

Homework



HOMEWORK

- Write the difficult words in your notebook.

LEARNING OUTCOME

Learners are able to:

- **Know that sun causes changes in the weather.**
- **understand how the sun affects the movement of air and changes the form of water.**

**THANKING YOU
ODM EDUCATIONAL GROUP**