

INDIAN SCHOOL MUSCAT PRIMARY SECTION		
SUBJECT: SCIENCE	TERM II	NAME:
WORKSHEET No.3		STD IV: ROLL NO.
TOPIC: Air, Water and Weather		DATE: ____ / ____ /19
RESOURCE PERSON:		TEACHER'S SIGNATURE:

I. Answer the following.

a) What causes the wind to blow?

The heat of the sun causes the air above the land to get heated up. Warm air being lighter rises up and cool air takes its place. This causes the wind to blow.

b) How is snow formed?

Snow is formed when the water vapours in the air freeze before they can turn into water.

This happens when the temperature in the clouds is very cold.

II. Think and answer.

If there is no waterworks in a town, is it safe to drink water there? Why?

No. This is because drinking polluted water can cause several diseases as it contains dirt and germs.

III. Give reason.

a) Why is the water cycle called a 'cycle'?

This is because water cycle is a process by which water travels in a sequence from the air (condensation) to the earth (precipitation) and returns to the atmosphere (evaporation). It is also referred to as the hydrologic cycle.

IV. Differentiate between sea breeze and land breeze.

Sea breeze	Land breeze
1. This occurs during the day.	1. This occurs during the night.
2. The land gets heated up more than the sea. The air above the land being warmer rises up. The cool air from the sea blows to takes its place.	2. The land cools down faster than the water in the sea. The warm air above the water rises up. The cool air over the land rushes to take its place.

IV. Justify the statements.

1. It is warmer during the afternoon than in the morning and evening.

This is because in the afternoon, sunlight falls directly overhead and gets very hot. The Sun's rays are slanting in the morning and evening and do not heat the Earth much.

2. Ajay had wiped his car dry in the evening but the next day he saw that the car was wet again even though it had not rained at night.

The car was wet because at night the water vapour present in the air condensed into tiny water droplets on the body of the car.

3. Ventilators are constructed above the windows.

When air gets heated, it becomes lighter. Warm air rises up and escapes from the ventilators constructed above the windows.

**FORESTS ARE GREEN , OCEANS ARE BLUE, KEEP THE EARTH
CLEAN FOR YOU AND ME.**