

CLASS: VIII

SUBJECT: SCIENCE

CHAPTER: 18. POLLUTION OF AIR AND WATER

SUBTOPIC: CAUSES & EFFECTS OF AIR POLLUTION

EXPERIENTIAL LEARNING

ACTIVITY:

Aim: To enable the students to know the causes and effects of air pollution

Materials Required: A notebook and a pen to record their observation

Procedure:

- Students will be taken to the nearby road of the school and will be made to stand on either sides of the road.
- They will be provided with a mask to safeguard from the smoke emitted by the vehicles.
- They are instructed to observe and make a report on the number of diesel and petrol vehicles – the four wheelers, three wheelers and two wheelers – the pedestrians and cyclists moving along the path in one hour.

CURIOSITY QUESTION:

Imagine the world is left with highly polluted water and air which cannot be purified at all. What will you do to save the world?

ANSWER GUIDE:

- Can the cause of the air pollution be controlled by doing so?
- What may be the cause of air pollution?
- How many vehicles were emitting their smoke in one hour?
- Do the cyclists and the pedestrians play a role in polluting our atmosphere?
- By accommodating people using 5 two wheelers in a car, people using 20 two wheelers in a bus, can we make an attempt to reduce the air pollution?