## 2036 PENANG SANGAM PRIMARY SCHOOL YEAR 5 ELEMENTARY SCIENCE WORKSHEET - 4

STRAND	MATTER
SUB STRAND	Reactions
CONTENT LEARNING	Collect information and present some liquid waste and air pollutants present in
OUTCOME:	the school environment

## **LESSON NOTES**

## WHAT ARE POLLUTANTS?

- A substance that pollutes something, especially water or the atmosphere which causes pollution.
- They can be physical or chemical.
- They involve the liquid, smoke, gases and heat etc.
- They are mostly the waste product or their by-products. Sometimes it is necessary to add them for the benefit.
- The pollutants cause an adverse effect on the environment.
- The increase in concentration of carbon dioxide and the decrease in the concentration of oxygen also cause the pollution.
- The pollutants are classified into different types and they depend on the form, existence and the natural disposal.
- Liquid waste such as oil spill from factories, industries and ships in the sea. Dangerous gases from vehicles and industries cause air pollution.



lakes, rivers, oceans, groundwater. Water pollution affects plants and organisms living in these bodies of water; and, in almost all cases the effect is damaging either to individual species and populations, but also to the natural biological communities. Water pollution occurs when pollutants are discharged directly or indirectly into water bodies without adequate treatment to remove harmful compounds.

Water pollution is the

What is water pollution



## **ACTIVITIES**

- 1. What are pollutants?
- 2. List down two examples of air pollution.
- 3. What does pollution do to our environment?'