

## Social Studies Week 3 ( Term 2)

### Notes:

#### Concept:

Pollution is the introduction of harmful materials into the environment. These harmful materials are called pollutants. Pollutants can be natural, such as volcanic ash. They can also be created by human activity, such as trash or runoff produced by factories. Pollutants damage the quality of air, water, and land. Many things that are useful to people produce pollution.

Cars spew pollutants from their exhaust pipes. Burning coal to create electricity pollutes the air. Industries and homes generate garbage and sewage that can pollute the land and water. Pesticides—chemical poisons used to kill weeds and insects—seep into waterways and harm wildlife.

**Air Pollution:** Sometimes, air pollution is visible. A person can see dark smoke pour from the exhaust pipes of large trucks or factories.

**Effects of Air Pollution:** Polluted air can be dangerous, even if the pollutants are invisible. It can make people's eyes burn and make them have difficulty breathing. It can also increase the risk of lung cancer.

**Water Pollution:** Water pollution occurs when harmful substances—often chemicals or microorganisms—contaminate a stream, river, lake, ocean, or other body of water bringing down the water quality and making it toxic to humans or the environment.

**Effects of Water Pollution:** Contaminated water can make you ill or kill you at times. Polluted water is unsafe for drinking and swimming. Some people who drink polluted water are exposed to hazardous chemicals that may make them sick years later. Others consume bacteria and other tiny aquatic organisms that cause disease.

**Land Pollution:** Many of the same pollutants that pollutes the water also harm the land. Mining sometimes leaves the soil contaminated with dangerous chemicals. Pesticides and fertilizers from agricultural fields are blown by the wind.

**Effects of Land Pollution** They can harm plants, animals, and sometimes people. Some fruits and vegetables absorb the pesticides that help them grow. When people consume the fruits and vegetables, the pesticides enter their bodies. Some pesticides can cause cancer and other diseases.

## **Day 1**

### **Students' Activities**

1. In your notebook, write the given concept.
2. Watch video on the link <https://www.youtube.com/watch?v=OqHp03RRTDs>

## **Day2**

3. Answer the following questions in complete sentences.
4. Create a drawing displaying any human activity that can prevent pollution (land, air or water) along with a paragraph (six sentences) of what is happening in the drawing.

**Answer the following questions on a folder sheet to be submitted to your teacher.**

1. What is pollution?
2. State two activities that you can do to pollute the water.
3. State two activities that you can do to pollute the air.
4. State two activities that you can do to pollute the land.
5. State two activities that you can do to protect yourself from pollution.
6. Give two effects of water pollution.
7. Give two effects of air pollution.
8. Give two effects of land pollution.