

Worksheet - 6

Subject: - Science Class: - IV

Teacher: - Mrs. Davinder Kaur

Name: \_\_\_\_\_ Class &amp; Sec: \_\_\_\_\_ Roll No. \_\_\_\_\_ Date: 16.04.2020

Lesson: Our Surroundings

Topic: Land Pollution



Land pollution is a serious problem

**Did You Know?**

Due to land pollution we lose about 24 billion tonnes of top soil every year and 1 mm thick topsoil layer takes millions of years to form.

**Land pollution**

Land pollution is also known as soil pollution. It is caused by mixing of harmful substances, like chemicals and non-biodegradable (which does not decompose) wastes, into soil. Polythene and plastic are two major causes of soil pollution. This causes loss of fertility that reduces soil quality. We need to take care that we do not dump such wastes into soil.

The excessive use of fertilisers and pesticides adds harmful chemicals to the soil. Farmers should opt for natural manure instead of chemical fertilisers. Industries damage the land and add harmful chemicals as well. They should be located away from the populated areas and should manage their waste disposal system well. Domestic waste materials, like glass, plastics and kitchen garbage, also act as soil pollutants. These should not be dumped in open.

**Activity 2**

Write down the ways in which you can prevent polluting your surroundings.

1. By not throwing empty ice cream cup and chips packets on the roads.
2. By not throwing pencil shavings on classroom floor.

3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Smoke from factories and vehicles cause air pollution

**Air pollution**

Pollution of air is caused due to release of poisonous and harmful gases. The vehicles and industries give out these harmful gases as smoke while burning fuels, like coal, petrol and diesel. This makes the air unfit for breathing. We can check air pollution by using environment friendly fuels such as, CNG and LPG, in vehicles. Shifting factories from the populated areas to remote areas also helps in reducing air pollution.

Complete the given sentences:

1. Land pollution is also known as \_\_\_\_\_ pollution.
2. \_\_\_\_\_ and \_\_\_\_\_ are two major causes of land pollution.
3. Excessive use of \_\_\_\_\_ and \_\_\_\_\_ adds harmful chemical to the soil.
4. Farmer should opt for natural \_\_\_\_\_ instead of chemicals.
5. Domestic waste like plastic also act as soil \_\_\_\_\_.

Answer:

1. soil
2. polythene , plastic
3. fertilisers, pesticides
4. manure
5. Pollutant