



G D GOENKA PUBLIC SCHOOL

Subject: Ev.Sc./ 5TH

Aspect: Supporting Content

Friday 22th October 2021

Lesson no 11. Waste Management

Learning Objective: Students will learn about different waste disposal methods.

Skills: Development of environmental sensitivity.

Waste disposal is the proper disposition of the waste. Waste products are disposed off using various methods.

- **Landfills**

Landfills are sites designated for dumping rubbish, garbage, or other sorts of solid wastes. Historically, they are the most common means of disposing solid waste which is either buried or left to pile in heaps. Landfill is a common phenomenon around the world, especially due to the increased number of wastes from our homes, schools, offices, hospitals, and markets. Some landfills are well managed and designed as part of integrated waste management.



However, most communities leave the landfills unattended to which cause land pollution and uncontrolled buildup of all sorts of solid waste materials. Here are the causes, effects, and solutions to landfills.

- **Incinerators**

An incinerator is a furnace for burning waste and incineration is a method in which waste is burnt at very high temperatures. Hazardous bio-medical wastes such as discarded medicines, toxic drugs, human anatomical wastes, blood, pus, microbiological and biotechnological wastes, etc. are usually disposed off by incineration.



- **Dumping**

When piles of waste materials or garbage get accumulated or are left at a certain site or location where they are not meant to be, it is referred to as dumping. In this method the waste decomposes slowly on its own. It is an inappropriate manner of waste disposal. It can be very hazardous to the environment as toxic materials are released into the air, water and soil.



- **Compost Making**

Composting or compost making is a process to use the biodegradable waste by converting it into the manure also called as *compost*. This waste contains some nutrients for plants which return back to the soil. All the biodegradable waste like vegetable and fruit peels and other organic waste are put in deep pit (*compost pit*) for few weeks, kept moist and covered.



Homework

- Q 1. Why is dumping a harmful method of waste disposal?
- Q 2. How is compost pit made?