

CH-16

GARBAGE IN , GARBAGE OUT

Garbage – the waste material generated everyday at our homes , school, shop and offices

DEALING WITH GARBAGE

LANDFILL---IT IS A LOW LYING OPEN AREA. HERE THE GARBAGE THAT CAN BE REUSED(USEFUL) IS SEPARATED OUT FROM THE OTHER ONE(NON-USEFUL)

BIODEGRADABLE AND NON- BIODEGRADABLE

- ▶ **Biodegradable** wastes are such waste materials which can be degraded by natural factors like microbes (e.g. bacteria, fungi and few more), all kitchen wastes, and other natural wastes.
- ▶ A **Non-Biodegradable** substance cannot be broken down by natural organisms and acts as a source of pollution. Non-biodegradable wastes are not Eco-friendly, they need to be replaced.

VERMICOMPOSTING

- ▶ The method of preparing compost with the help of red worms is called vermicomposting.
- ▶ Redworms do not have teeth. They have a structure gizzard which helps them in grinding their food. A redworm can eat food equal to its own weight.
- ▶ After 3-4 weeks loose, soil-like material is observed which is the vermicompost.
- ▶ Dry it in the sun for few hours and now it can be used in fields or garden

PLASTIC IN OUR LIVES

1. Plastics on burning or heating, produce toxic gases and smoke
2. Plastic wastes littering the roadsides cause disease causing microorganisms as they choke the drains.
3. Plastics dumped in water bodies pose a threat to aquatic life.
5. Plastics prevent the rainwater from seeping into the ground.
6. Dumping of plastics in the ground affects the plants growing in the area as they do not get enough water from the soil.

RECYCLING OF PAPER

1. Submerge small pieces of paper in water.
2. Make a wet paste of this paper by pounding it.
3. Spread the paste uniformly on a wire mesh frame
4. Let excess water drain off
5. Soak the remaining water with the cloth
6. Remove the sheet and keep it under the sun for drying
7. Your recycled paper is ready

MEASURES TO MINIMISE THE USE OF PLASTIC

- ▶ 1. Reuse plastic bags whenever possible
- ▶ 2. Don't use plastic bags for storing eatables.
- ▶ 3. Use a cloth bag or jute bag as a replacement for plastic.
- ▶ 4. Never burn things made of plastic.
- ▶ 5. If possible convert all the kitchen waste into manure by vermicomposting
- ▶ 6. Don't put garbage in plastic bags and throw it away
- ▶ 7. Make friends, family and community members aware of proper garbage disposal practices.