

10 - Clean Surroundings

Class – 3

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INTRODUCTION

All of us need air to breathe. No one can live without breathing. We all know that plants also breathe through their leaves. Breathing in clean and fresh air keeps us healthy.



Look at the picture. People
are passing by the garbage
covering their nose.



**Air surrounding the heap of
garbage or a dirty drain gets
polluted and smells bad. We can fall
ill if we breathe polluted air.**




Open

**drains and the heap of garbage are the
breeding grounds for mosquitoes and
houseflies.**







For healthy living, our surroundings must be clean. For this it is very important to have a proper disposal system of wastes and garbage.



DISPOSAL OF SOLID WASTES

Solid wastes are produced in the kitchen, offices, toilets and factories. Proper disposal of solid wastes is very important.

Solid wastes are of two types

- Biodegradable Wastes
- Non-Biodegradable Wastes




Biodegradable Wastes

Wastes that can be destroyed naturally are called biodegradable wastes. Wastes like leftover food, vegetables, fruit peel, paper, dried leaves and excreta of animals are biodegradable wastes.



Biodegradable wastes





**Biodegradable wastes can be
put in a pit to get it converted into
compost which can be used as fertilizer for crops.**



Non-Biodegradable Wastes

Wastes that cannot be destroyed naturally are called non-biodegradable wastes.

Polythene bags, plastic and glass are non-biodegradable wastes.

They do not get decomposed easily and remain for long time. Thus they block the natural cycle.



Non-biodegradable wastes



We should use separate dustbins for biodegradable and non-biodegradable wastes to make their disposal easy. You must have seen a green and blue dustbins in public places. The green bin is for biodegradable wastes and the blue dustbin is for the non-biodegradable wastes.





Check Your Knowledge

Fill in the blanks.

1. Open drains are home for _____.
2. Compost is used as _____.

DISPOSAL OF LIQUID WASTES

Liquid wastes are produced in the kitchen, bathroom and factories. Wastes from the factories contain harmful chemicals. If it is released in the rivers and lakes without treatment, it will kill the plants and animals found in the streams.



INTERESTING FACTS


- ❖ Every year plastic wastes in water kills 1,00,000 marine animals, 1 million seabirds and countless fish.

It is very important to treat liquid wastes before releasing into any water body like river or sea.



Treating waste water





Always remember that nature and its resources are beautiful gifts given by God and we do not have any right to make them dirty and spoil them. We should keep our surroundings clean for a healthy living of ourselves and other animals.



Fact File

- When a sick person coughs or sneezes, germs from his body get mixed in the air.
- Diseases like cholera, dysentery etc. are caused by drinking contaminated water.



Things to Remember

- Remove garbage daily.
- Do not let waste water collect.
- Use things that are made of natural materials.
- Non-biodegradable wastes block the natural cycle.





THANK



You

