



G D GOENKA PUBLIC SCHOOL

Subject: Ev.Sc./ 5TH

Aspect: Supporting Content

Tuesday 26th October 2021

Lesson no 11. Waste Management

Learning Objective: Understanding the concept of 3Rs.

Skills: Development of environmental sensitivity.

1. Three R's of recycling.

The three R's – *reduce, reuse and recycle* – all help to cut down on the amount of waste we throw away. They conserve natural resources, landfill space and energy. Plus, the three R's save land and money communities must use to dispose of waste in landfills.

- Reduce means to cut back on the amount of trash we generate. We can reduce the use of non-biodegradable materials like polythene bags, plastics and aluminum foils.
- Reuse means to find new ways to use things that otherwise would have been thrown out. Washable cups and plates can be used instead of disposable ones.
- Recycle means to turn something old and useless into something new and useful. Materials like iron, copper, plastic containers, glass bottles. Used bulbs, newspapers and notebooks can be recycled.

Advantages of recycling

Recycling helps us to save natural resources, reduce the amount of waste and solve the problem of waste disposal.

Homework

Q 1. What are the advantages of recycling?

Activity:

We can recycle paper in form of paper clay and use it to create beautiful things. Let's make something unique out of paper today.

Instructions:

Step 1 Gather your suppliers

- 1) paper or newspaper
- 2) scissors
- 3) large bowl
- 4) hot water
- 5) glue
- 6) a large spoon for mixing or a hand blender or mixer.



Step 2 Make Shredded Paper or cut up newspapers.

You can shred the paper into small pieces with the help of a scissors.



Step 3 Fill a Bowl with Paper & Hot Water

Mix the water and shredded paper up thoroughly and make sure it is fully covered and able to saturate the shredded paper.

Step 5 Blend with a hand blender or mixer or spoon.

Pulp up the paper with the blender or with the help of a spoon until it is broken down completely and forms a paste like substance.



Step 6 Squeeze out the excess water.

Step 7 Add some glue to your paper pulp mixture and mix thoroughly until it looks like clay.

Step 8 Use this paper clay mixture to create beautiful

items like pen stand, bowls etc

Step 9 Once the item is dry you can colour it.

