

Name :

Date :

Grade :

Worksheet

Submission Date :


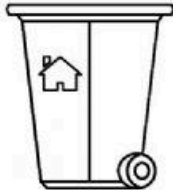

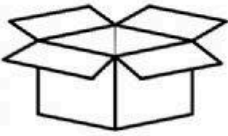
Subject : Biology

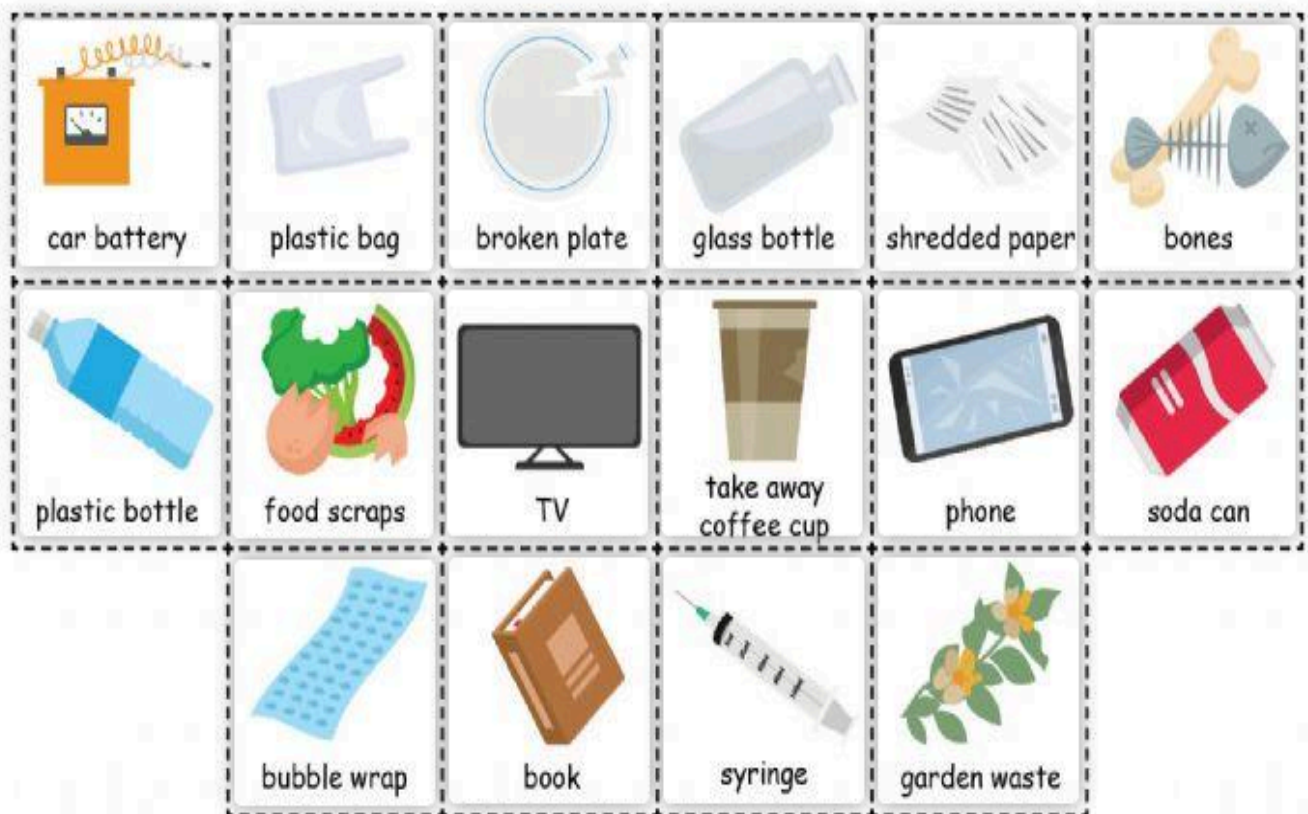
Parent's sign :

Garbage in and garbage out

1. Complete the activity given

Most households have 3 bins. 1 for non-recyclable waste, one for recyclable waste and one for green waste or food waste. Sort the items to the correct bin

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2. Read the following passage and answer the questions given below.

Garbage is a great environmental hazard. It comes from various sources used paper, tiffin packings, plastic bags, ice cream wrappers, bottle caps, fallen leaves and many more. Garbage makes the premises ugly and breeds diseases. A lot of trash that is thrown away contains material that can be recycled and reused such as paper, metals and glass which can be sent to the nearest recycling centre or disposed of to the junk dealer. It also contains organic matter such as leaves which can enrich soil fertility. A compost pit can be made at a convenient location where the refuse can be placed with layers of soil and an occasional sprinkling of water. This would help decomposition to make valuable fertilizer. This would also prevent pollution that is usually caused by burning such organic waste

1. What are the sources of garbage?
2. What does garbage make the premises look like?
3. What happens to the disposable materials at the recycling centre?
4. Mention two things which help organic waste materials to change into fertilizer in the compost pit.
5. What does organic matter that help in organic enrichment and fertility of soil, usually consists of?

3. Answer the following HOTS questions

1. You must have seen children collecting things from waste material. Talk to these children and find out that by selling which things from this waste material they get money.
2. What will you do if waste material is not picked from the waste material bin near your house? Will you cover your nose while passing alongside it? What else?
3. Which animals do you find to visit the heaps of waste?
4. Why is it harmful to burn leaves?
5. What can we do to overcome the problem of garbage?

4. MCQ questions

1. What is the most effective way to manage vegetable peels and food scraps?
(NSO Class 6)
 - a) Burn them in an open area
 - b) Dispose of them in plastic bags with other waste
 - c) Convert them into compost for manure
 - d) Dump them into a water body
2. Which of the following is an example of biodegradable waste? (NSO Class 6)
 - a) Plastic wrapper
 - b) Orange peel
 - c) Aluminum can
 - d) Glass bottle
3. Why is it important to segregate waste into wet and dry categories? (NSO Class 6)
 - a) To make waste collection easier
 - b) To facilitate recycling and composting
 - c) To reduce the cost of waste disposal
 - d) To increase landfill space
4. Which material can be recycled? (NSO Class 6)
 - a) Used tissue paper
 - b) Glass jar
 - c) Food waste
 - d) Rotten fruit
5. What does vermicomposting involve? (NSO Class 6)
 - a) Burning waste to reduce volume
 - b) Using earthworms to decompose organic waste
 - c) Sorting waste into recyclable categories
 - d) Disposing of waste in landfills

