



# A Cloud of Trash

## Activity Sheet for Students

[letsread.asia/CloudOfTrash](https://letsread.asia/CloudOfTrash)



Do you remember this picture from the story? Cheekoo had a cloud of trash above her head that drove all her friends away. How would you feel if you had a cloud of trash above your head too?

Cheekoo got a cloud of trash above her head because she threw away waste here and there. What about you? What do you do with waste at your home? Let's make something so that you will never have a cloud of trash above your head or a heap of trash at your home.

### Activity 1: Separating waste at our home

At our home, there are usually two types of waste.

#### SEGREGATE YOUR WASTE

NON-BIODEGRADABLE /  
DRY WASTE



BIODEGRADABLE /  
WET WASTE





# Before we start making, Make sure to have these:

## 1. A dustbin

You can use any kind of dustbin such as a cardboard box, bucket etc.



## Let's collect the non-biodegradable trash at your home:



### Step 1

Make two separate dustbins to collect the biodegradable and non-biodegradable waste at your home.



### Step 2

Label the dustbins by their names so that everyone at your home can use it.



### Step 3

Take note of the number of days it took for the dustbin to be filled with non-biodegradable waste.



### Step 4

Once the dustbin is filled, categorize the waste collected into different categories. Use worksheet below for this.



### Step 5

Finally, share your waste categories with your teacher/parents and know their opinion too.

# Challenge Your Skills

1. Think of ideas to reuse the waste collected.
2. Make something creative and useful by recycling the waste you have collected. For example, you can use a plastic bottle to make plant pots and pencil stands.
3. Share us your creativity via photo/video by sending it to [info@karkhana.asia](mailto:info@karkhana.asia)



## Challenge Your Mind

1. How can you increase the number of days it takes for the non-biodegradable dustbin at your home to be completely filled? Write what you and your family members have to do in the box below and share with your class teacher.

### Activity 2: Making a Toy from the Trash



### Before we start making, Make sure to have these:

1. Glue stick
2. Scissors
3. Cello Tape

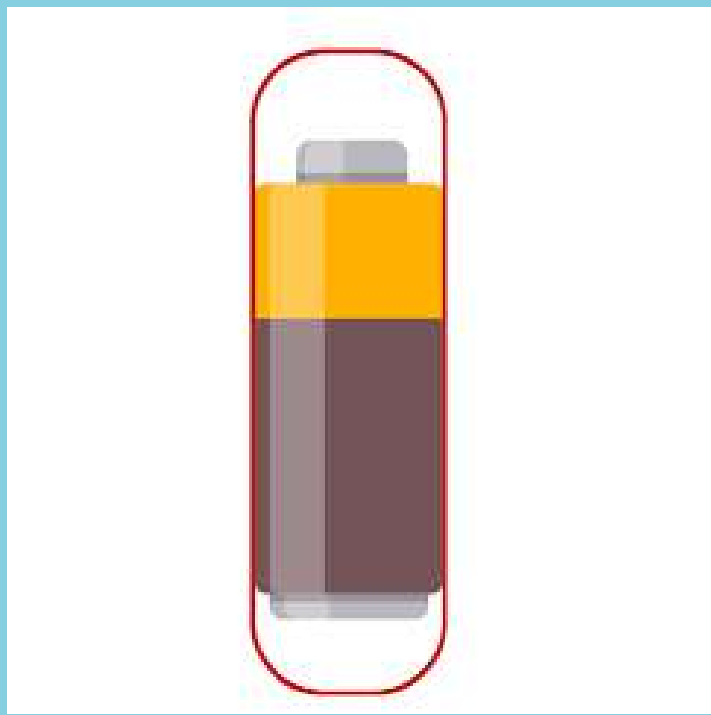


After you have separated the waste, let's try to reuse some of the waste materials to make a toy. Based on what you have, gather materials like dead AA batteries, trash papers or plastic wrappers, used paper cups, rubber bands, broomsticks.



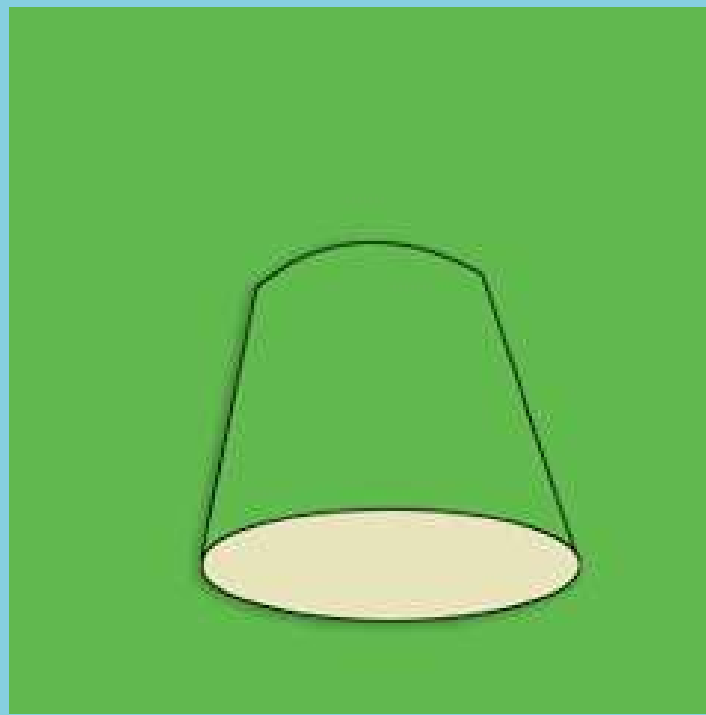


# Let's make a toy from the trash



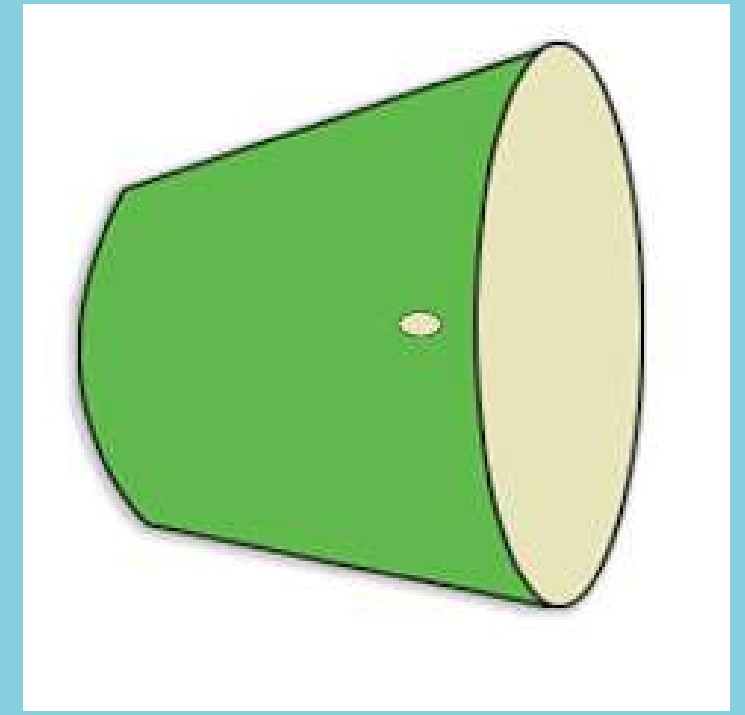
Step 1

Take a battery and stick a rubber band to it using a cello tape as shown in the picture.



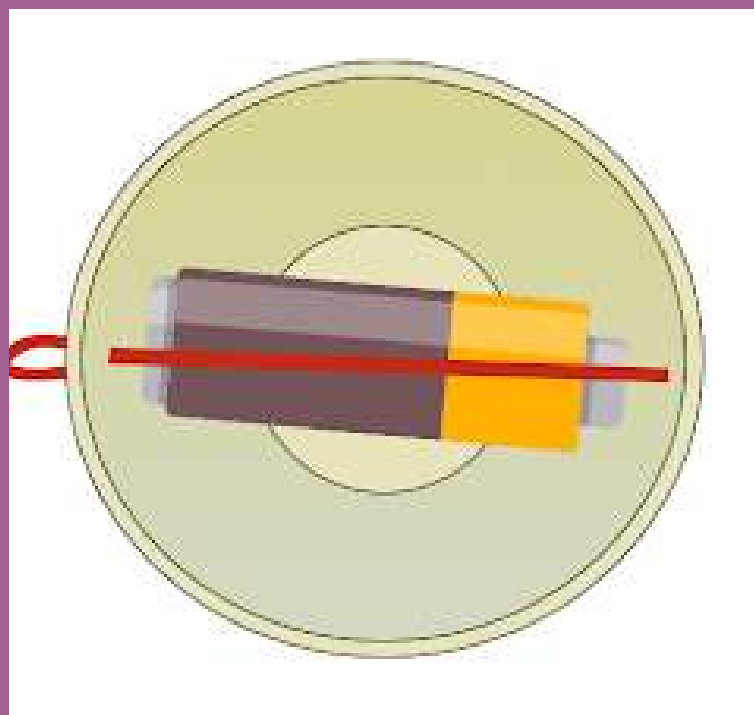
Step 2

Take the paper cup and cover it with a paper or plastic wrapper using glue.



Step 3

Make two small holes on the paper cup on opposite sides as shown in the picture. This is where the rubber band will stick out of.



Step 4

Push both ends of the rubber band (as shown in the picture) inside the two holes using the food stick.



Step 5

Decorate your toy using the wrappers or papers to make it look better.



Step 6

To prevent the rubber from coming out of the holes, break the stick into a small piece and use it to hold the rubber band in place. You can tape it up to make sure it doesn't fall off.



Step 6

Now leave one crease, and fold the next crease like before.



## Challenge Your Skills

1. Try increasing the speed and the distance covered by your toy.
2. Make your toy produce different sounds as it moves.



## Challenge Your Mind

1. Change the movement of your toy by changing the way you twist the battery.
2. Use an alternative waste material other than a battery for the toy to move forward.



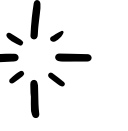


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## WORKSHEET



Once your dustbin is filled, use this worksheet to categorize the waste and to think of the alternatives.



### Recyclable

These wastes can be converted into something different. Like paper can be recycled to make pencils and lamps.

### Reusable

These wastes can be used again and again. Like you reuse a cold drink bottle to make a vase or pencil holder.

### Reducible/Preventable

These wastes can be completely avoided. Like carrying your own water bottle instead of using plastic cups.

Waste

Alternative









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## HANDOUT

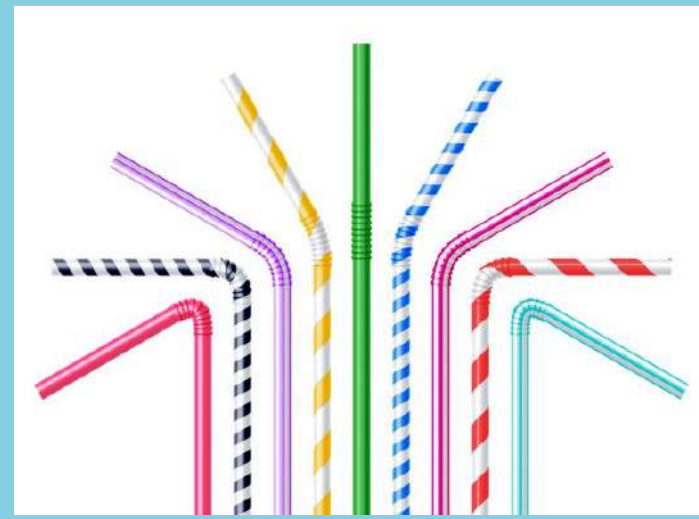
### Some facts about single-use plastic



- Worldwide, we buy 1 million plastic bottles every minute.
- 1.38 billion disposable cups are consumed every day.



- 80 billion clothes are thrown worldwide annually.



- Half a million straws are used in the world every day.

### Ladder of Landsink: ways to deal with the waste

Prevent	👍 👍 👍
Reuse	👍 👍
Recycle	👍
Burn	👎
Landfill	👎 👎
Litter	👎 👎 👎



# A Cloud of Trash

## IDEATION SHEET



Use the sheet below to generate ideas on recycling the non-biodegradable waste collected from your home. Make a list of the waste that you have and sketch your creative idea.

List the kinds of things you can make from the waste materials that you have. Don't think of complex ideas, just try to come up with as many ideas as possible.

Blank area for listing ideas.

Discuss with your friends and choose one of those ideas. Draw your idea here.

Blank area for drawing the chosen idea.