

# ACTIVITY 2:

## **Recyclable Object: Glass Bottle**

At home, there are usually glass bottles. This material can be recycled and reused in many ways.

### **Tasks for recycling or reusing:**

1. Clean: Wash the bottle well with water and soap.
2. Crush: Crush the bottles.
3. Melt: Melt the bottles.
4. Remanufacture: Make new objects such as glasses, new bottles, etc.

### **Craft recycling:**

- Carefully cut the bottle to make:
  - Glasses.
  - Candle holders.
  - Lamps.

# GLASS BOTTLE

**1**



**WE CLEAN THE BOTTLE.**

With water and soap.

**2**

**WE CRUSH THE BOTTLE**



**3**



**WE MELT THE BOTTLE**

**4**

**WE REMANUFACTURE NEW OBJECTS**

- Glasses
- Bottles
- Candle holders
- Lamps



## **Disposable Object: Plastic Toothbrush**

### **Description:**

The toothbrush is a personal item that is usually replaced every 3 months. Most are made of plastic and nylon, materials that are very difficult to recycle.

### **Reasons why it cannot be easily reused:**

- It is a personal hygiene product that cannot be shared.
- It is made of materials that do not recycle well together.
- There are almost no recycling programs for toothbrushes in most communities.

### **Process:**

1. Manufacturing: Plastic + Nylon.
2. Use: Daily use for a few months.
3. Disposal: Usually ends up in the trash.

# TOOTHBRUSH

**1**

## PROCESS



## MATERIALS

ChatGPT Plus  
• Plastic and Nylon

**2**

## DAILY USE

Toothbrushes usually last about 3 months.



**3**



## WASTE

Toothbrushes almost always end up in the trash.

**4**

## PERSISTENCE IN THE ENVIRONMENT

They take hundreds of years to decompose.

