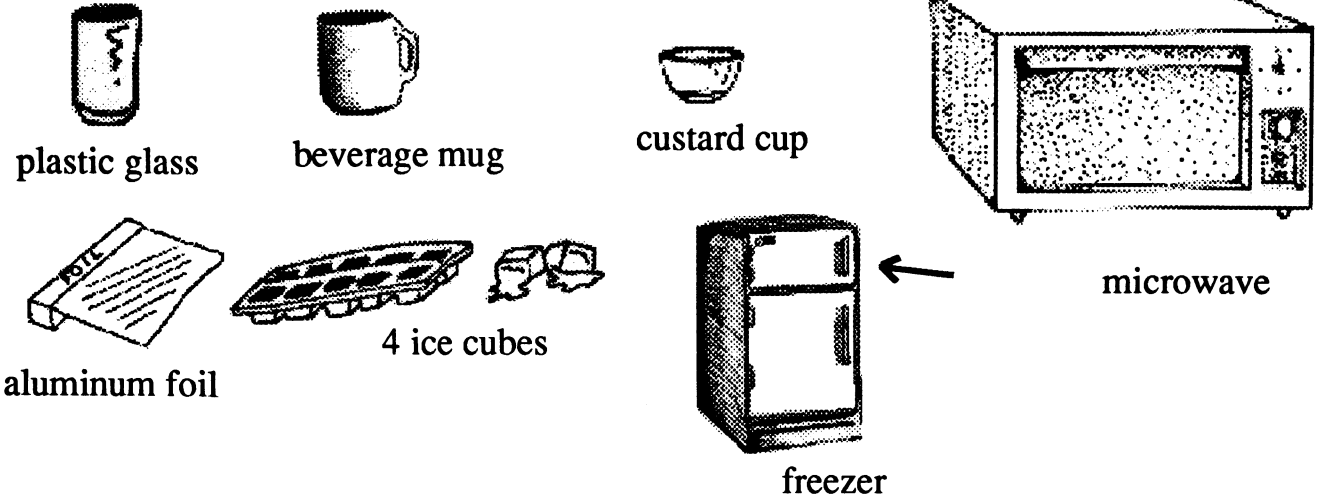


MICROWAVE COOKING CONCEPT #2:

Use glass, ceramic or plastic dishes that are safe in the microwave oven.

You Need:



1.



Put an ice cube in the plastic glass.

2.

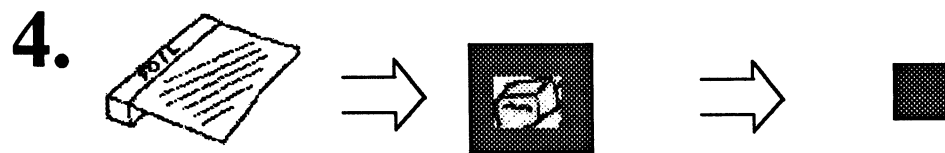


Put an ice cube in the beverage mug.

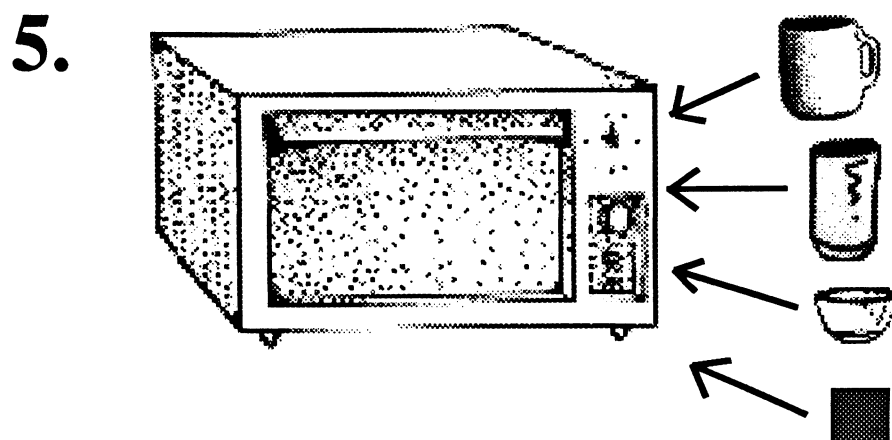
3.



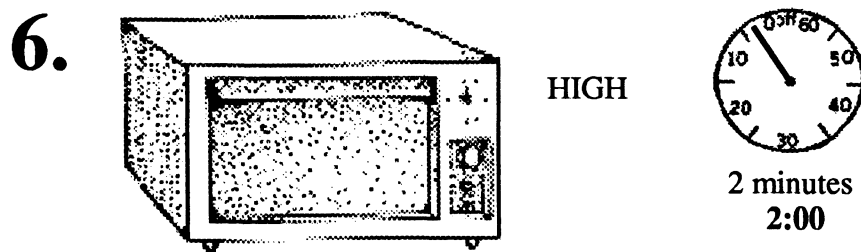
Put an ice cube in the custard cup.



Wrap an ice cube in aluminum foil.



Put the glass, the mug, the custard cup and the foil-wrapped ice cube in the microwave oven.



Microwave at HIGH POWER for 2 minutes. Remove from oven.

MICROWAVE COOKING CONCEPT #2

You Need:

plastic glass
beverage mug
custard cup
aluminum foil
4 ice cubes
freezer
microwave

1. Put an ice cube in the plastic glass.
2. Put an ice cube in the beverage mug.
3. Put an ice cube in the glass custard cup.
4. Wrap an ice cube in aluminum foil.
5. Put the glass, the mug, the custard cup and the foil-wrapped ice cube in the microwave oven.
6. Microwave at HIGH POWER for 2 minutes. Remove from oven.

Observations:

1. What happened to the ice cube in the glass? _____

2. What happened to the ice cube in the mug? _____

3. What happened to the ice cube in the custard cup? _____

4. What happened to the ice cube wrapped in foil? _____

5. How do you explain your observations? _____

6. How does this experiment help you know what dishes to use in a microwave? _____

MICROWAVE COOKING CONCEPTS # 2(KEY)

Observations:

1. What happened to the ice cube in the glass? It melted.
2. What happened to the ice cube in the mug? It melted.
3. What happened to the ice cube in the custard cup? It melted.
4. What happened to the ice cube wrapped in foil? Ice cube stayed frozen.
5. How do you explain your observations? Microwaves cannot go through foil (metal).
6. How does this experiment help you know what dishes to use in a microwave?
Food in metal dishes will not get microwaves, so it will not cook. Put food in glass, ceramic, or plastic dishes.