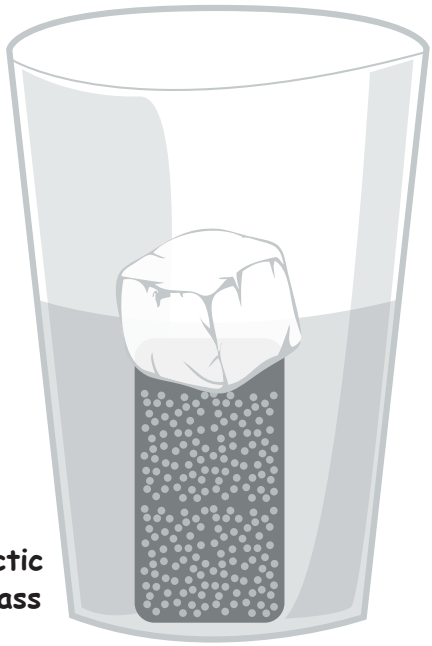
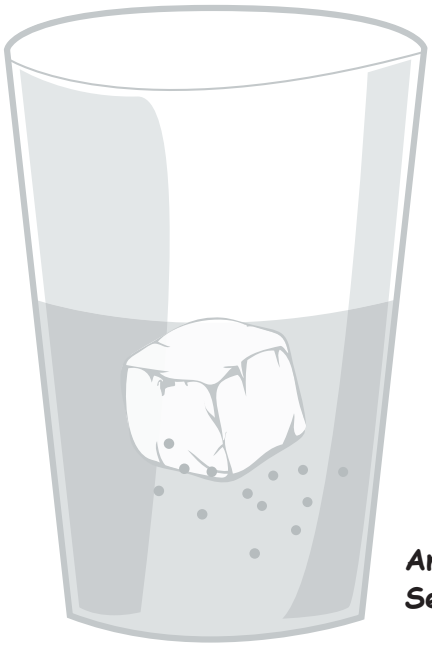
Name: _____

Class: _____

The Melting of the Antarctic Ice Mass—Science Experiment



Antarctic Ice Mass



Antarctic Sea

You will need:

- Two identical plastic cups
- An empty film canister with lid
- Sand or soil
- Water
- Two ice cubes
- Two different coloured marker pens

What to do:

1. Write 'Antarctic Ice Mass' on one cup and 'Antarctic Sea' on the other.
2. Fill film canister with sand or soil, put lid on and place upside down in the cup marked Antarctic Ice Mass.
3. Half-fill each cup with water.
4. Place one ice cube on top of the 'ice mass' and another ice cube in the 'sea'.
5. Mark up where the water line is on each cup.
6. When the ice cubes melt, mark up the new water level on each with a different coloured pen.

Record results:

In which cup does the ice cube melt faster? Why? _____

_____

In which cup does the water level rise higher? Why? _____

_____

Conclusions:

If an ice mass such as Antarctica were to melt, how might this affect low-lying nations and atolls of the Pacific Ocean? _____

_____

_____