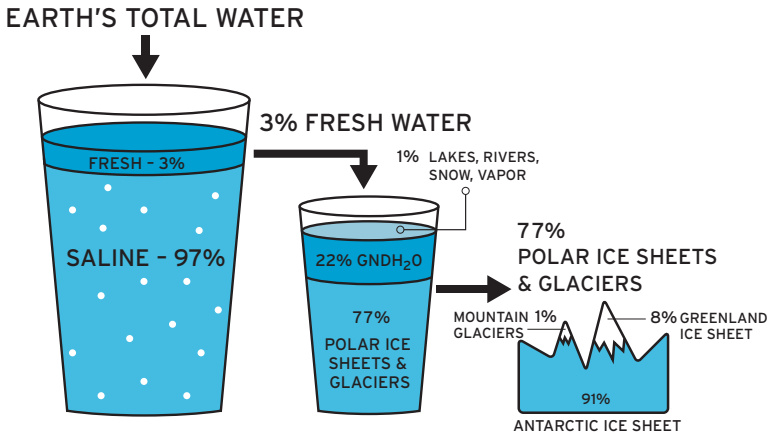
Is sea level rise due to land ice or sea ice?

NAME: _____ DATE: _____

MATERIALS
(per 2 students)

- ☐ 2 ice cubes
- ☐ 2 clear cups
- ☐ 2 popsicle sticks
- ☐ Warm water
- ☐ 1 pice of clay or play dough
- ☐ 1 paper towel
- ☐ 1 marker



DISTRIBUTION OF EARTH'S WATER

PROCEDURE

1. Mark one cup "land ice" and the other "sea ice".
2. Design an experiment that shows what happens to sea level when the glaciers on land melt and when floating sea ice melts.
3. Use any or all of the materials provided.
4. Before doing the experiment, write a prediction of what will happen in each cup:

   LAND ICE: _____

   _____

   _____

   SEA ICE: _____

   _____

   _____

5. Set up the experiment and do it.
6. What happened?
7. Write a conclusion that states what happens to sea level when land and sea ice melt.

   _____

   _____

   _____

   _____

   _____

   _____

   _____

1. How much of Earth's water is fresh?

2. How much fresh water is frozen in ice?

3. Why is this important?

4. Where is much of the frozen water?

CReSIS