SEA LEVEL RISE

DOES SEA LEVEL RISE FROM MELTING **LAND ICE** OR MELTING **SEA ICE**?

MATERIALS:
(per 2 students)

- ☐ 2 ice cubes
- ☐ 2 clear cups
- ☐ 2 popsicle sticks
- ☐ warm water
- ☐ 1 piece of clay or play dough
- ☐ 1 paper towel
- ☐ 1 marker
- ☐ 1 pencil

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. Before doing the experiment, write a **prediction** of what will happen for each cup.

LAND ICE: _____

_____

_____

SEA ICE: _____

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

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

_____

2. How much of fresh water is frozen in ice?

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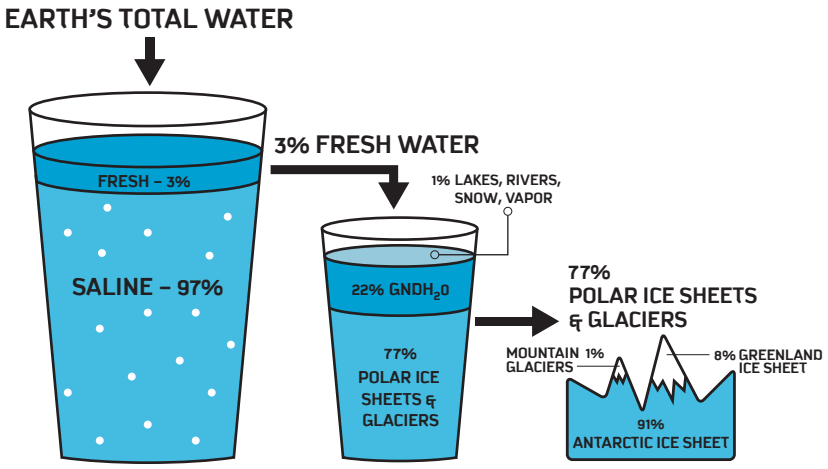
3. Why is this important?

_____

4. Where is most of the frozen water?

_____



DISTRIBUTION OF EARTH'S WATER