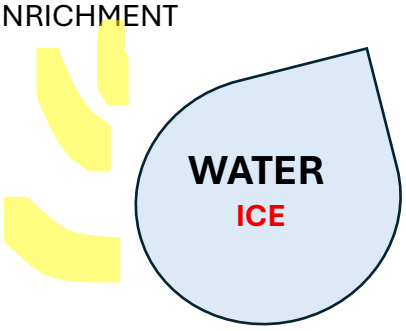


Glaciers, snow, and sea ice cover about 10% of Earth's surface. Its presence promotes a temperate climate. Too little snow ice means more solar radiation is absorbed and the Earth heats up too much. Too much snow and solar reflection cause the Earth to be too cold. God "…created Earth to be inhabited." Is 45:18

Because water expands in its frozen state, it is lighter and floats. Without this unusual property, Earth would become frozen solid.

QUESTIONS:

floats	hexagonal	salt/ocean water	90%	~9%	10%	more or less

1. 90% Snow reflects _____ of sunlight and help climate cooling.
2. ~9% When water freezes, it expands by _____.
3. hexagonal The structural/atomic shape of ice molecules.
4. floats Ice _____ and forms a protective insulating layer for marine life.
5. salt/ocean water Melting ice/fresh water is lighter than _____ and provides drinking water for various species, including humans.
6. 10% Continental glaciers, snowpack, and sea ice cover _____ of earth.
7. hexagonal Blue ice and snowflakes are _____ shaped crystals.
8. more Ice takes up _____ space than the same amount of water.
9. more Ice reflects _____ sunlight than earth's surface does.
10. floats Because ice _____sunlight can melt it. If ice sank in lakes or the ocean, eventually these water bodies would be frozen solid.

Thinking about ICE!

Give 2 examples of floating ice objects?

a. icebergs & ice cubes b. sea ice, lake & pond ice, arctic ice

Since water vapor is invisible, what forms of water are found in clouds? Name 3:

a. liquid (raindrops) b. gas (vapor/humidity) c. solid (ice, snow, hail)