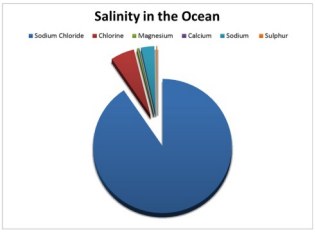
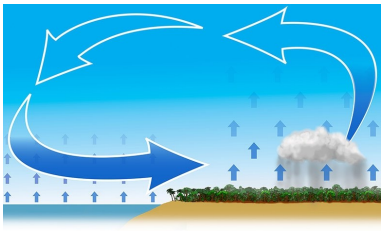
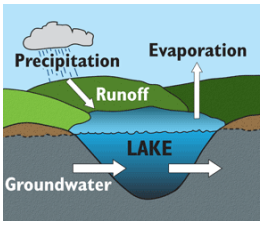
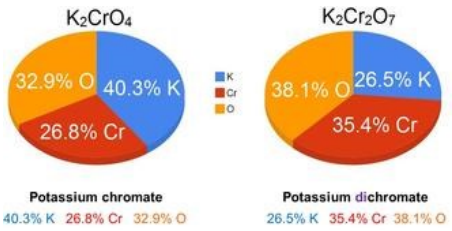
Earth's Water Distribution

S6E3. Obtain, evaluate, and communicate information to recognize the significant role of water in Earth's processes.

A. Ask questions to determine where water is located on Earth's surface (oceans, rivers, lakes, swamps, groundwater, aquifers, and ice) and communicate the relative proportion of water at each location.

B. Plan and carry out an investigation to illustrate the role of the sun's energy in atmospheric conditions that lead to the cycling

| Term | Info | Picture |
|---|---|---|
| Salinity | The amount of salt in water. The "saltiness." |   |
| Fresh water | Water that does NOT contain salt. Fresh water can be found in lakes, streams, and ponds. |  |
| Salt water | Water that has a higher salt content. Ocean water is salt water. |  |
| Water vapor | Water in the gaseous form. |  |
| Glacier | A large body of ice moving slowly down a slope or over a wide area of land. |  |

| Term | Info | Picture |
|---|---|---|
| Groundwater | Water found underground in the soil or pores and cracks in rock. |   |
| Composition | What something is made of. |   |
| Ice cap | Large masses of ice found at the Poles. |   |

## Learning Targets:

1. I can describe where to find salty water.
2. I can describe how salty ocean water is, and explain where the salt comes from.
3. I can explain where to find fresh water, and where <u>most</u> of the fresh water is found.
4. I can demonstrate that water exists in 3 phases: solid, liquid, gas.
5. I can create a pie chart explaining what percentage of the Earth is covered in water.
6. I can describe what state of matter most of the fresh water on Earth is.
7. I can create a pie chart explaining where to find fresh water.
8. I can relate that the total amount of water on Earth is always the same, and that precipitation and evaporation are equal.

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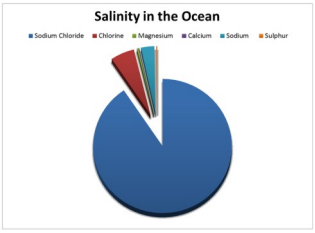
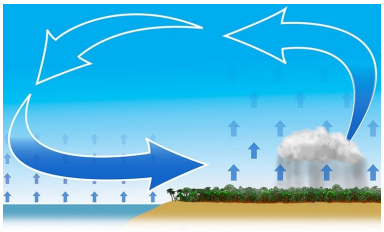
| Salinity | |   |
| Fresh water | |  |
| Salt water | |  |
| Water vapor | |  |
| Glacier | |  |

| Term | Info | Picture |
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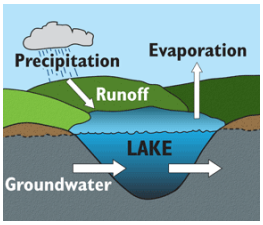
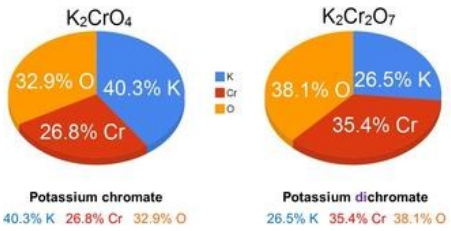
| Groundwater | |   |
| Composition | |   |
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