Why are the poles more dry than the tropics?

How does the atmosphere help to regulate the earth’s temperature?

What is a cloud?

Definition:

Atmospheric Water

What is the link between temperature and a positive feedback into the water cycle system?

**THINK:** How might water change to travel between cryospheric/ oceanic/atmospheric/ terrestrial?

What is sea ice and where is it located?

Terrestrial Water

Surface Water: (rivers, lakes, wetlands)

Definition:

What are the four broad classes of terrestrial water?

Soil water:

Biological water:

Groundwater:

What is permafrost and why is it important to consider?

What are alpine glaciers, why are they important to consider?

What are ice sheets, how big are they and why are they important to consider?

What are ice caps and why are they important?

The major 5 locations of cryospheric water:

Definition:

Cryospheric Water

Oceanic Water

Why is oceanic water salty?

Definition:

What is the link between atmospheric carbon and the pH of the oceans?

What impact does salinity have on pH?

Names of major oceans and seas: