

Sea Breezes and Land Breezes

Sea breeze - the movement of air from water to land.

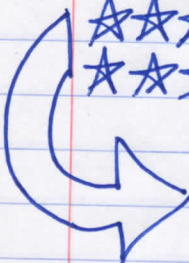
Land breeze - the movement of air from land to water.

Why does wind change direction?

- Key. ★ Land heats up faster than water.
Facts: ★ Land cools off faster than water.
★ Since water takes so long to heat up, it takes a long time to cool down.
★ Air that is above land or water is close to the same temperature what as what is below it.

★★★ Warm air rises.

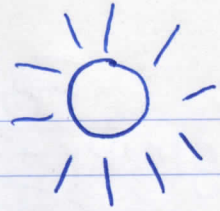
★★★ Cooler air moves in to replace it

 This is what makes sea and land breezes = the movement of the different temperature of the air.

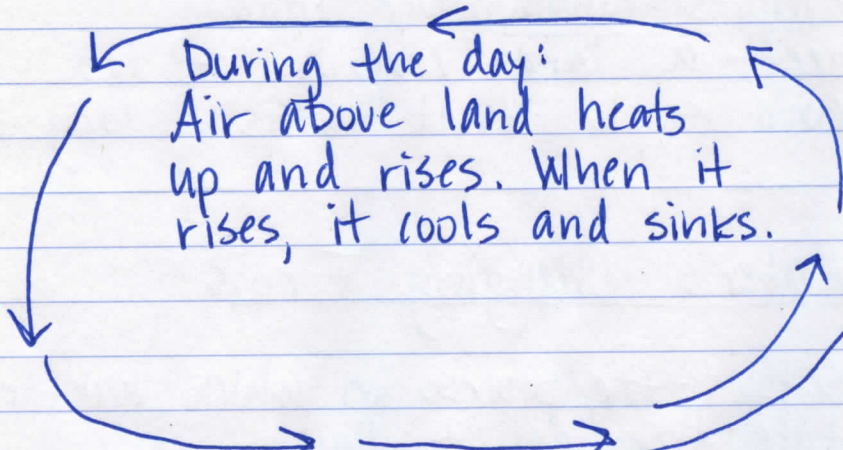
Why does warm air rise?

-the heated air increases in energy, which makes particles move faster and farther apart. It also makes it weigh less, so it rises.

Sea Breeze



Day



Land Breeze



Night

