

1. Osmosis is when water moves across a membrane. It happens when you have a lot of water on one side and not much on the other like a (salty solution). The water moves to the salty side to try and even things out. It's a type of passive transport, so the cell doesn't have to use any energy to make it happen. An example would be plants soaking up water through its roots.

END

2. The greenhouse effect is what keeps the Earth warm enough for us to live. The sun sends light to the ground, which heats up the planet. Then, the heat tries to go back into space, but ~~some~~ gases like  $\text{CO}_2$  and methane act like a "blanket" around the earth. These gases stop the heat from leaving and bounce it back down to us. If we have too many of these gases from pollution, the planet gets too hot, which causes global warming.

END

3. The French Revolution happened because the poor people in France were angry at the king and queen. King Louis



XVI spent too much money on wars and fancy parties at versailles so the country ran out of money. At the same time there was a bad winter and the crops died, so people were starving because they couldn't afford bread. The rich people didn't have to pay taxes, which made the poor people even angrier. They also started reading new ideas about freedom and decided they didn't want a king anymore so they started a revolt to make things fair.

END