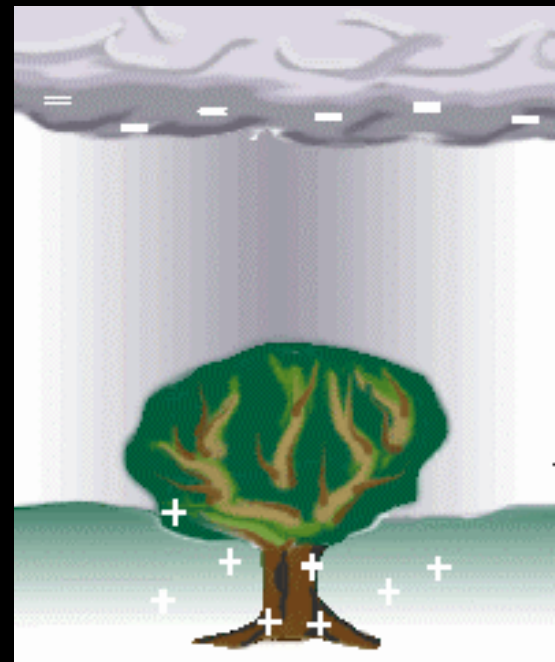


Lightning!



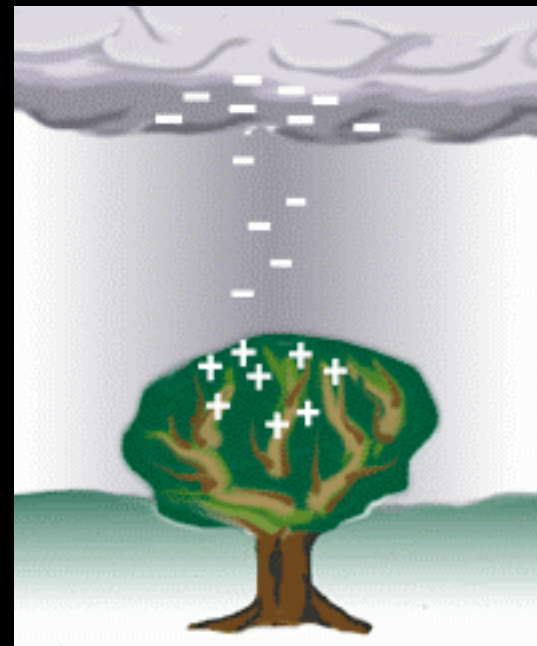
How does lightning happen?

- It's all about static electricity! Lightning happens when the negative charges (electrons) in the bottom of the cloud are attracted to the positive charges (protons) in the ground. The resulting spark is lightning.



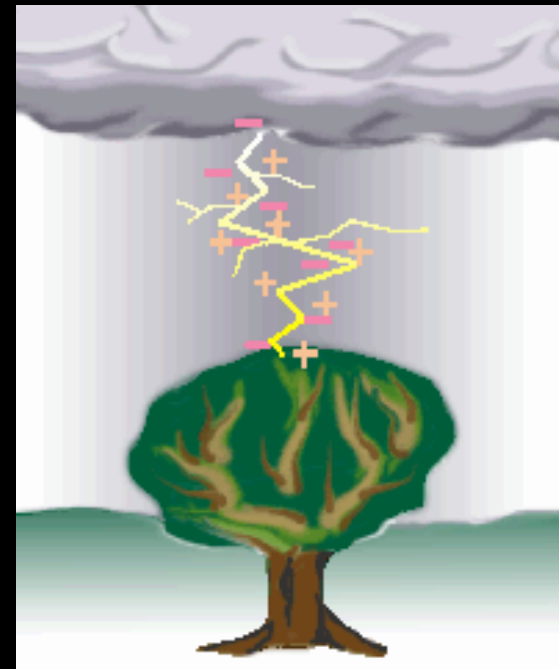
How does lightning start?

- When the accumulation of electric charges is great enough, a stream of negative charges pours down towards a high point where positive charges have clustered due to the pull of the thunderhead, which is a rounded cloud with shining white edges appearing before a thunderstorm.



Lightening Strikes!

- The connection is made and the protons rush up to meet the electrons. It is at that point that we see lightning and hear thunder. A bolt of lightning heats the air along its path causing it to expand rapidly. Thunder is the sound caused by rapidly expanding air.



What we are going to do!

- You are going to be making lightning!