



Activity 2: Thunderstorms are Caused by Air Movement

How do temperature differences contribute to severe weather?

Materials

Thunderstorm Formation: <https://www.youtube.com/watch?v=exIVSEPEXKc>

Understanding Air Movement: <http://www.idahoop.org/education/lesson6.htm>

Life Cycle of a Thunderstorm: <https://www.weather.gov/jetstream/life>

Instructions

1. Watch the YouTube Video: **Thunderstorm Formation**. Watch and listen carefully for how air moves when a thunderstorm forms. You can access the website from the online course or at <https://www.youtube.com/watch?v=exIVSEPEXKc>.
2. Visit the Understanding Air Movements webpage. Read the information contained in the webpage carefully. You can access the website from the online course or at <http://www.idahoop.org/education/lesson6.htm>.
3. Visit the Life Cycle of a Thunderstorm webpage. Read the information contained in the webpage carefully, giving close attention to the arrows in the diagrams. You can access the website from the online course or at <http://www.srh.noaa.gov/jetstream/tstorms/life.html>.
4. Draw or digitally create your own diagram of the life cycle stages of a thunderstorm. Use various coloured arrows to indicate the movement of warm and cold air. If you need to review how air moves in a thunderstorm, repeat Steps 1 to 3.

Thunderstorm Drawing