**Unit 3 Notebook: Weather Watch**

**Activity 2: Thunderstorms are Caused by Air Movement**

# How do temperature differences contribute to severe weather? Materials

**Thunderstorm Formation:** h[ttps://www.youtube](http://www.youtube.com/watch?v=exlVSEPEXKc).[com/watch?v=exlVSEPEXKc](http://www.youtube.com/watch?v=exlVSEPEXKc) **Understanding Air Movement:** <http://www.idahoop.org/education/lesson6.htm> **Life Cycle of a Thunderstorm:** [https://www.weather.gov/jetstream/life](http://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=exlVSEPEXKc.](http://www.youtube.com/watch?v=exlVSEPEXKc)
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.](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.htm.l>
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.

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**Thunderstorm Drawing**

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