

# Latitude and Climate Slam Dunk Lesson

Working with a partner, go to <http://www.infoplease.com/ipa/A0001796.html>

Find 3 cities at approximately the same latitude... one near the east coast, one on the west coast, and one in-between. Choose a scribe and list the cities.

Go to <http://www.cdc.noaa.gov/USclimate/states.fast.html>

Locate and click on the state where that city is located to find the city and discover and record the following:

Average Annual Rainfall  
Average High Temperature  
Average Low Temperature  
Average Snowfall

Create a table in excel, 6 columns

**City State**

**Latitude**

**High Temp**

**Low Temp**

**Rainfall**

**Snowfall**

Looking at the map on <http://www.infoplease.com/atlas/unitedstates.html>

Write brief phrases that describe the geographical location of the three cities you chose... near the ocean, near a mountain range, in the mountains, in the middle of the country, etc.

Describe any differences you notice in the weather data.

Compare their location and the effect on their weather data...

Write 2-3 sentences that summarize the effect of location on climate.