**WEATHER WEBQUEST** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period \_\_\_\_

Complete this by using the following reference sites, or any other appropriate search:

http://www.climateand weather.net

http://www.weatherwizkids.com/weather-wind.htm

http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/mtr/af/frnts/cfrnt/prcp.rxml

http://www.intellicast.com/National/Wind/JetStream.aspx

http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/mtr/cld/dvlp/cnvct.rxml

http://forecast.weather.gov/glossary.php?word=easterlies

http://www.windows2universe.org/earth/Atmosphere/clouds/cloud\_formation.html

1. Insert a diagram or sketch the layers of the atmosphere.
2. The Coriolis Effect is:
3. Tell 3 things about clouds:
4. Define weather:
5. Define Climate:
6. What does relative humidity have to do with moisture?

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| --- | --- |
| Insert an illustration or sketch a cold front: | Insert an illustration or sketch a warm front: |

1. What conditions are associated with the following boundaries?
	1. Cold:
	2. Warm:
	3. Stationary:
	4. Occluded:
2. Tell me about a jet stream:
3. What is an air mass?
4. What is the difference between westerlies and easterlies?
5. Insert a diagram about how mountains form clouds:
6. Explain how fog is formed: