Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_

**Sun-Earth Relationship Scavenger Hunt**

1. Define the following:   
    Revolution -  
    Equinox -  
    Axis -  
    Rotation -  
    Hemisphere -  
    Tilt -  
    Precipitation -  
    Weather -  
    Climate -  
  
2. Label the diagram of the earth's relationship with the sun. (on the board)  
3. What causes the changes of seasons?

4. Compare the climate graphs for USA and Australia.

|  |  |  |
| --- | --- | --- |
| Sketch the Climate Graph Here | Similarities | Differences |
| ***Australia*** |  |  |
| ***USA*** |  |

5. The Flu Vaccine is always changing (mutating). Here in the US doctors look to what the Flu virus is doing in places like Australia to create the flu vaccine each year. Based on the above information, why is that? Explain.