**Earth/Sun Relationship!**

**Monday**

1. Complete guided notes for Intro lecture to Earth- Sun relationship

**Tuesday**

Collaborative:

1. Read pages 60-62 in your textbook.
2. In your Vocab section (don’t forget the date!) write the following terms and their definitions:

Weather Climate Axis Revolution Equinox Solstice

Midnight Sun Greenhouse Effect

1. Turn to your Responses section (don’t forget your header!) and copy and answer the following questions:
2. What is the difference between weather and climate?
3. How do the relationships between the Earth and the Sun affect the climate?
4. Why would we expect different weather in New Orleans than you would in Canada?

Computers:

1. Go to clarkkarr.weebly.com and click Week 5
2. Scroll to Tuesday - Computers
3. Watch Video 1- Confessions of a Planet
4. Turn to your Responses section of your binder (don’t forget the date)
5. Copy the following question:

How does the Earth’s position affect the seasons on Earth? (You should write 5-6 sentences to answer this question.)

1. Turn to your Notes section (don’t forget your date!).
2. Draw the following diagram into your notes and label the season for A, B, C and D in the Northern Hemisphere. (Remember, the seasons in the Southern Hemisphere are opposite.)



Wednesday

Computers:

1. Go to clarkkarr.weebly.com and click Week 5
2. Scroll to Wednesday - Computers
3. Watch Video 1
4. Click on Biomes of the World Website
5. In your Responses Section, write a diary entry for a child living in each of the biomes that are on the page. You must include one Plant, one Animal and a comment on Climate for each Biome. You should have 9 diary entries.

Example: Tundra- Dear Diary, today I tried to go hunting at 3 am (it's still light in my country in the summer then) but my fingers froze in the –40 degree weather. I lost my Ermine gloves. I was doomed to eat a dinner of Labrador Tea and Bearberry. What a terrible day!

Collaboration:

1. Turn to your Vocab section (don’t forget the date!).
2. Read pages 69-the third paragraph on 72
3. Write the following terms and their definitions into your notes:

Biome Average Daily Temperature Natural Vegetation Oasis Coniferous Deciduous Mixed Forest Permafrost Prairie

1. Create a chart like one below (but much, much bigger- should take a whole page):

|  |  |  |  |
| --- | --- | --- | --- |
| Climate Type | Climate Regions | What is the weather like? | What kinds of vegetation does it have? |
| Tropical |  |  |  |
| Dry |  |  |  |
| Mid-latitude  |  |  |  |
| High-latitude |  |  |  |

1. Look at the diagram on page 71.
2. Copy and answer the following questions:
3. What is the relationship between increasing latitude and climate?
4. Why does the latitude matter to the climate?
5. As aridity (or dryness) gets higher, what is the effect on vegetation?

Thursday

This is a catch-up day. You may use this day to study for Test 2, complete any work from the last two weeks, do your Socratic Seminar for tomorrow, or work on your weekly project (honors). This is a Level 0 day, so all work will be done individually and silently.

Friday

Socratic Seminar