Directions: Complete 30 points in choices below. The due date is ______________.

Knowledge (5 points each)
--Tell what causes day and night.
--Tell what causes the sun to appear to rise in the east and set in the west.
--Tell two or more ways that our solar system a counterclockwise system.

Comprehension (10 points)
--Explain two important reasons why Ohio has hot summers and cold winters.

Application (15 points)
--For the drawing below, name the season for Ohio. Give two reasons for the season.

Analysis (20 points)
--Do shadows stay the same length throughout a day? Create your own test, Thinksheet and Data Sheet to investigate this question. Your Data Sheet should include five or more observations. On your investigation day, observations should be made in the morning, afternoon, and evening.

Synthesis (25 points)
--Imagine that it is June 23rd. You are living in Tecka, Argentina. You have an e-mail pen pal who lives in Cincinnati, Ohio (USA). You decide to write to each other about the weather. Show your letters below. For each letter include the season, the amount of daylight (long day, short day, somewhere in between), a possible high and low temperature for the day, the kind of precipitation you are having, and any other creative information that will make your letters complete. Don’t forget to use letter form (date, greeting, body, closing). HINT! Cincinnati is about as far above the Tropic of Cancer as Tecka is below the Tropic of Capricorn.

Evaluation (30 points)
--Do you think the seasons would be any different in Cincinnati if there was no tilt to the Earth? Explain your answer in a paragraph. Write at least five thoughts to support your answer based on your research and our learning from The Reasons for the Seasons inquiry. Complete a Main Ideas With Support prewrite sheet (You will need to put your last two ideas and support on the back.).
Main Ideas with Support
Prewrite Sheet

Directions: Complete this sheet to prepare for paragraph writing. Each main idea sentence needs an additional support sentence to give more details.

Topic Sentence

1st Idea

1st Support

2nd Idea

2nd Support

3rd Idea

3rd Support

Conclusion Sentence

If you have more than three ideas, use additional paper!