Checklist for Seasons Project

Monthly

­­­ Have weekly recordings of the average temperature.

Correctly graph the average weekly temperature.

Write down what you noticed about the temperatures.

Make a prediction about what you think will happen next month and why.

Draw a picture that accurately shows why the temperatures are as warm or as cold as they are and where the earth is in its orbit.

End Product

Look over the data you have collected this year.

What conclusions can you draw from the information (be specific about why you are making these conclusions)?

Make a prediction about what the temperatures will be like in the summer in each of the cities you chose. Use evidence to support your prediction.

Remember to accurately use the words: axis of rotation, revolution, orbit, seasons, Earth’s tilt in your write-up.

Draw a picture of the Earth’s revolution around the sun that depicts why we have the seasons. Draw this for both the Northern and Southern hemispheres.

Double check to make sure you have all components and that they are nice and neat before turning them in.

Seasons Rubric Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| **Expectations** | **Points Possible** | **Self Grade** | **Final Grade** |
| Monthly summaries including accurate graph, and predictions using evidence, and a diagram for Earth’s position relative to the sun. | 30 |  |  |
| Completed Graph with a legend and labeled x-axis and y-axis, remember to color code the different countries. | 15 |  |  |
| Conclusion based on evidence collected throughout the entire year. | 20 |  |  |
| Prediction for the coming months. Based on what the graphs currently look like what do you think will happen in each of the cities. | 15 |  |  |
| Pictorial representation of your findings with a Northern hemisphere and Southern hemisphere view point. | 20 |  |  |
| **Total Points** | 100 |  |  |

Teacher comments:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_