



Name \_\_\_\_\_

## Here Comes the Sun – An Internet Scavenger Hunt

Use this website <http://vortex.plymouth.edu/sun/sun.html> to answer the following questions.

1. What is the Sun? List three things that describe the sun:

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

2. Describe solstice:

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3. Describe equinox:

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4. Describe how the Earth rotates:

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5. Operationally define these words (that means use your own words, or give an example to explain them):

a. Horizon:

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b. Altitude:

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c. Zenith:

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d. Declination:

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e. Latitude:

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6. Explain why 'light spread' causes different temperature:

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7. What does atmospheric scattering have to do with temperature?

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8. Use your answers from questions 6 & 7 to explain why far northern and far southern areas are so cold in their respective winters.

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9. Use your answers from questions 6 & 7 to explain why the equator is so warm:

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