Where are We? An Internet Hunt about Maps by Cindy O'Hora

Directions: Use the colored links provided to find the answers to the questions. Use the **Go Menu** of your browser to return to this page.

1. What do we call a person who makes maps? _____

2. Ptolemy made a map of the world in 150 AD. What is missing?

_____

Why?

_____

_____

Take a moment to click on the map and enjoy its artistry. Then click the map window closed using the Close Window rectangle.

3. What are the two parts of a global address?

_____

_____

_____

4. What is latitude? You were standing at latitude 0 degrees. On what imaginary circle are you located?

_____

_____

_____

5. Lines on a globe that run east - west are showing .....

Lines that run north - south are showing .....

What is the longitude and latitude of your town? _____

6. If your teacher gives you a little latitude, what are you getting? Use the search box to find out the meanings of latitude.

7. Maps are made to scale. What is scale?

Real Life math: A map of you town is to a scale of 1: 63,360 inches. You use a ruler to measure the distance from school to your house. You find it is 2 inches. How many miles is it to your home from school?

What does a large scale map show? _____

8. The web address called URL (Universal Resource Locator) of a web site can tell you where the computer is that you are accessing to view the web site.

In what country is this web site? http://www.bbc.co.uk/education/lzone/progsgeog.shtml

In what state is this one located? http://www.state.pa.us/

9. What is the first step in making a map?

10. "With his marine clocks, John Harrison tested the waters of space and time..... He wrested the world's whereabouts from the stars, and locked the secret in a pocket watch." ~ Dava Sobel

What did he accomplish?

11. Cars and boats have it. Scientists use it. What does the acronym "GPS" stand for?

What do you think of this example of how a GPS chip can be used?

12. What are the 5 parts of the compass?

a.

b.

c.

d.

e.

Assume that you are currently facing north. Look west. Describe what you see.

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13. Challenge: Which type of map would you use to plan a hiking trip? Why?

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14. Write the answer to this latitude and longitude calculation.

Explorations:

Explore the activities at Map Wizard http://mapping.usgs.gov/digitalbackyard/index.html

Use the latitude and longitude figures you looked up to generate a celestial map at Your Sky

Take the cartography quiz OR Use the National Atlas to locate your town.

Terra Server find your home or school from space OR Generate a topographic map of your town

Eyes on the Sky, Feet on the Ground: offers a wealth of mapping activities to be done off line.

"Where there is an open mind, there will always be a frontier." Charles Kettering

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