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Activities

Mouse Marks the Spot

Name: _____ Date: _____

The National Map Viewer is a great tool for exploring latitude and longitude. You'll use the map and your mouse to pinpoint your hometown and other locations in this Planet Diary activity.

Directions

- Go to the USGS National Map Viewer. In the lower left corner, latitude is the first number (given in degrees, minutes, and seconds) and longitude is the second number. In North America, all latitude lines are West (W) and all longitude lines are North (N). Move your mouse slowly over the map to see how these numbers change as you move north, south, east, and west.
- You can find the coordinates (latitude and longitude) of any location by entering the location in the search box or moving your mouse to the location on the map. Use either method to answer the Workspace questions as you explore the map. Round your answers to the nearest degree (the first number) for latitude and longitude.

Workspace

1. Give the coordinates (latitude and longitude) of:
   a. Your home city or town

   _____

   b. A shipwreck in Lake Michigan

   _____

   c. The eastern-most point of the United States

   _____

   d. The southern-most point of the United States

   _____

2. How many degrees-longitude wide is the country at its widest?

3. Imagine you're going on a cross-country trip from the Statue of Liberty (New York) to the Golden Gate Bridge (San Francisco). You want to visit Baltimore, Chicago, Saint Paul, and Denver along the way. List the coordinates of each city on your trip, in order.

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