

Name \_\_\_\_\_

# Earth Viewer Welcomes You



Access the *Earth and Moon Viewer* Web site:

Go to **<http://www.teachercreated.com/books/3032>**

Click on Page 89, Site 1

Click on the highlighted words *latitude*, *longitude*, and *altitude* under **Viewing the Earth**.

This link will take you to a **View Above Earth** window that gives you the current view of the earth’s surface.

Type in these numbers for latitude, longitude, and altitude. (Do not use commas to indicate place value.)

- latitude: 47 North
- longitude: 7 East
- altitude: 35785 kilometers above Earth’s surface

Click on the **View Earth** button, and answer the following questions:

1. From this view, what entire continent can you see?

\_\_\_\_\_

2. What continents can you only see parts of?

\_\_\_\_\_  
\_\_\_\_\_

3. Name three oceans found in this view.

\_\_\_\_\_  
\_\_\_\_\_

4. How are night and day indicated? \_\_\_\_\_

\_\_\_\_\_

Click the **Back** button on your browser menu.

(over)

# Earth Viewer Welcomes You *(cont.)*



Type these positions:

- latitude: 40 North
- longitude: 120 West
- altitude: 35785 kilometers above Earth’s surface

Click on the **View Earth** button, and answer the following questions:

5. What part of the world is showing now?

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6. Where is the sun in relation to this side of the globe?

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7. What three oceans do you see here?

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Under the picture, change the altitude reading to 100 km and click the **Update** button.

8. What happened to your view?

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Change the readings under the picture to explore the following positions. Be sure you push the **Update** button after changing the readings.

latitude: 30 South	latitude: 0 South	latitude: 165 North
longitude: 135 East	longitude: 0 West	longitude: 180 West
altitude: 335000 km	altitude: 35000 km	altitude: 5000 km

9. Write at least three paragraphs describing the differences in each position. Make sure you write specific information. Also, draw a picture of each position to go with your paragraphs.