

Exploring the Clickable Map of Europe

Open the file from your server or

<http://textbooks.wmisd.org/bigClickableMaps.html>

This will open a list of data layers.

- ◆ Click any button to make that data layer **visible**. The button will turn darker.
- ◆ Click on a darkened button to make that layer **invisible**.
- ◆ Click "Clear Map" to reset the map to the way it was when you opened the file.

If you are using a printable .pdf file:

Click on the icon that looks like a short stack of pages. 

- ◆ Clicking on an empty box will make that data layer **visible**.
- ◆ Clicking on a checked box will make that layer **invisible**.



1. Click the blue button to show **rivers** and the brown button to show **mountains**.
Put an x on the line next to the statement that best describes the longest river in Europe:
 It flows generally westward and ends in the Atlantic Ocean.
 It flows generally northward from the high Alps and ends in the North Sea.
 It flows generally eastward through several mountain gaps and ends in the Black Sea.
2. Click to turn on the map that shows the **United States** at the same scale and latitude.
Put an x on the line next to the most accurate generalization about the climate of Europe:
 Most of Europe is at or north of the latitude of Minnesota, but the surrounding ocean helps keep the winter temperatures from going as low as in Minnesota.
 Beaches in southern Europe are like the beaches of Florida, warm and sunny in winter.
3. Click "Clear Map" to minimize clutter for the next investigation.
Click to turn on the **peninsulas** and their names. Rank these in order of size (1 = largest):
 Greece Iberia Italy Normandy Scandinavia
4. What two peninsulas were the original homeland of the **Vikings**? _____
5. Did the **Roman Empire** reach any of the territory that we now call Poland? Circle: Yes No
6. Circle the **physical feature** that was a natural barrier along one edge of the Roman Empire:
Danube River Mediterranean Sea Scandinavian Peninsula Swiss Alps (mountains)
7. Circle the peninsula that does NOT have significant deposits of either **coal** or **metal ores**:
Balkan Peninsula Iberian Peninsula Italian Peninsula Scandinavian Peninsula
8. What does the lack of these resources mean for people who live on that peninsula?

Europe Clickable Map Investigation

Turn individual layers of the clickable map on and off in order to investigate the relationships between things like latitude, mountains, rivers, ports, metal ores, coal, industrial areas, and major battles. Write a paragraph with a topic sentence and at least four supporting statements to summarize your investigation. Each generalization should describe the map pattern of something and/or note possible causal relationships between two or more things (which often are displayed on different data layers in the clickable map).

Here is a bit of factual information that you might already have learned in earth science: volcanoes usually occur where crustal plates collide, separate, or move over a hot spot.

The scattered pattern of volcanoes in Europe, therefore, has a message:
this part of the world has had a long and complicated geologic history.

Sample generalization: "Many different European countries have deposits of metal ores.
This may be a result of the complicated geologic history of the area."