Exploring the Clickable Map of South America

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**.

400 miles

1. Click the blue button to show the **rivers**. The Amazon River is the largest river in the world.
   Click the lite gray button to make the **Equator** visible.
   Where does the Amazon River flow into the Atlantic Ocean?   Circle:
      about 300 miles north of the equator   close to the equator   about 300 miles south of the equator

2. Click to show the towns named **Porto** or **Puerto** ("port," in Portuguese and Spanish).
      Put an X on the line next to the best generalization about these towns.
      ____ They are mostly ocean ports, possibly built to transport metals from the mines.
      ____ They are mostly on the west coast, possibly because cold currents make fishing better.
      ____ They are mostly river ports, possibly for river fishing or to move logs from the forest.

3. **Placenames** can also be clues about history. In South America, Spanish and Portuguese
      explorers and missionaries named many towns after Catholic saints. Put an X on the line
      next to the best generalization about the travels of these early European people:
         ____ They seemed to go along the coast and up the rivers
         ____ They seemed to go on the high ground between rivers
      Why do you think they did that?

4. Click "Clear Map" to turn both ayers off and minimize clutter for the next investigation.
      South America produces many important **metals**. Click to make that layer visible.
      Where are most metal mines located?   Circle: mountainous areas   lowland areas

      Why do you think so?   (What metal is the exception to that rule? _____)

5. Circle the country with the most **cattle ranches**: Argentina Brazil   Paraguay   Uruguay
      Circle the country with cattle in every part of its area: Argentina Brazil   Paraguay   Uruguay
      Why do you think cattle ranches are rare in the lowlands near the Amazon River?

South America Clickable Map Investigation

Turn individual layers of the clickable map on and off in order to investigate the relationships between things like mountains, forests, cattle, minerals, population, and so forth.

Write a paragraph to summarize your investigation. Your paragraph should have a main point and several supporting sentences. Each supporting sentence should describe the map pattern of one thing and/or suggest a possible causal link between different things (which may be on different data layers in the clickable map).

Example: "Metal mines are more common in the high mountains near the west coast. This might be because the geologic processes that make mountains also tend to concentrate metal ores."