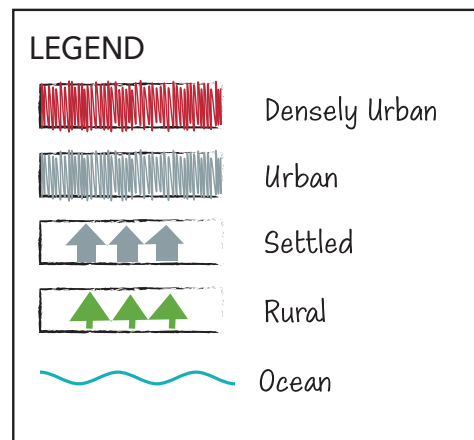
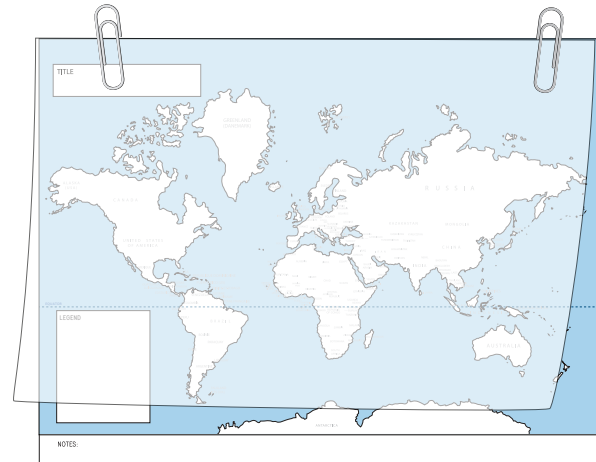


NAME: _____ MAP TITLE: _____

Data Sketches STUDENT WORKSHEET 1

Data sketching is an exercise that gets you thinking about how data is pictured on a map and what that data tells you. Follow these steps to complete your sketches:

- **CLIP** - use two paper clips to clip the upper corners of a sheet of tracing paper over the map template you have been given.
- **TITLE** - write down the title of your map in the upper left hand corner.
- **LEGEND** - using the box provided for the legend, draw and label the symbols, colors and/or patterns you will be using to represent the data in your sketched map.
- **NOTES** - use your "notes" field on the bottom of the map to write down any information you can find about the source of the data, include anything else you find important about the title and the legend too. For example: what time period does this data represent?
- **SKETCH** - look closely at your data map image. Using colored pencils or thin markers on the tracing paper, make a sketch of your own to interpret that data with the symbols, patterns or colors from your legend. Note any important features on your map (ie. lakes, oceans, mountains, names). Try to represent the data as accurately as possible.



Data Sketches STUDENT WORKSHEET 2

Now that you have completed your sketch, write a one or two sentence summary of what your sketch represents.

My sketch represents ...



It's time to discuss and share with your group. As a group, look at each sketch. Start layering two sketches together at a time so that you can see both through the tracing paper. Do you notice any connections or interesting patterns? What do the data sketches reveal when they are layered together?

Complete the following sentences about your sketched map:

a. I see...

b. I wonder...

c. This data is interesting because...