What is this a map of?
Quiz: Chapter 1.2
1. Describe the SITE and SITUATION of Seattle, WA.
2. What type of region is each of the following examples? Why?
   a. Newcastle
   b. Fire Station
   c. Pacific Northwest
Objectives

Content: I can discuss 3 ways that cartographers can create misleading or challenging maps.

Language: I can read a map like a document.
Cartographic Communication or...

You need your journal and a pen or pencil.

Today’s Date: Sept. 12, 2019
SIMPLIFICATION

What did the cartographer keep and what did they leave out?
SIMPLIFICATION
SYMBOLIZATION

What do the symbols add to the meaning? Does it look attractive?
SYMBOLIZATION

- Spanish Fork
- Spook Alley
- Thanksgiving Point
- The Crazy Corn Maze
- Carriage Cheer
- M. 1-15
- I-215
- Salt Lake City
- West Jordan
- Utah Lake
SYMBOLIZATION
Too much!!
Photoshop:

It makes a big difference
CLASSIFICATION

Equal Frequency
same # in each category

Categories of data in specific increments, such as…
CLASSIFICATION

Equal interval
each range is the same size (0-4.9, 5-9.9, 10-14.9, etc.)
Standard Deviation
Find the mean and then make breaks at set intervals above and below the mean
CLASSIFICATION

Natural Breaks
find the natural breaks in the data and make your ranges from there
INDUCTION
INDUCTION

CENTERING

What is placed in the center of the map shows cultural/artistic value

The WATER planet

The LAND planet
ATLANTIC CENTERING
PACIFIC CENTERED
Have you ever wanted to be the center of attention so bad?

You cut Asia in half?
Choose the better map.
CARTOGRAPHIC SCALE

Global Scale
National Scale
State/Province Scale
County
Local (urban/city) Scale
SCALE - OF THE DATA

[Map of Georgia with color-coded data scale]
SCALE - OF THE DATA
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IRAQ WAR DEATH MAPS
Stand and Stretch 15 seconds
Map Projections/Distortions
-Similarities and Differences?
Map Projections/Distortions

Mercator
Particularly useful for navigation since it maintains accurate direction, though it is famous for its area distortion that makes landmasses at the poles appear oversized.
Homolosine (Goode)
An equal area projection of the world, **distorting ocean** areas in order to **minimize the distortion of the continents/land area.**
Robinson Compromise between the Homolosine and Mercator projections was adopted by the NGS in 1988. Minimizes size shape, distance, and direction distortion but stretches out landmasses at the poles.
Thinking Like a Geographer - data
Tonight’s Homework

Read and create reading notes on Chapter 1.3.

Quiz on Monday