

Unit 1 – Geography Basics and Themes

Day 2

ALL ABOUT MAPS



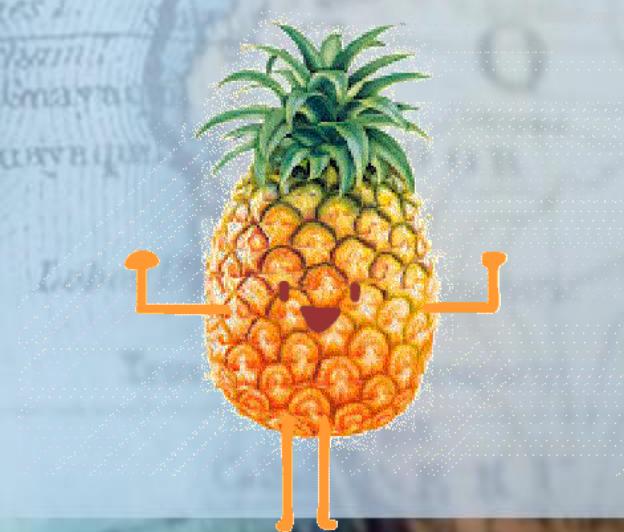
*Maps help you know just how lost you really are.
And, remember, you can't spell "LOST" without "LT"*

Objectives

- **Recognize and identify the 3 key elements of a map**
 - Direction
 - Distance
 - Symbols
- **Be able to identify 3 different types of maps**

• **Terms:**

- Compass Rose
- Cardinal Direction
- Scale
- Symbols
- Legend / Key



What exactly IS a map?

So is THIS
a map? ->



How, then, do we
map the world?

Don't Worry, Be Mappy

3 Things You MUST have...

- **1 - Direction**

- So I know which way it faces, and I can find my way

- **2 - Distance**

- So I know how far, how big, and how scary something is

- **3 - Symbols**

- So I don't have to draw everything exactly as it is in real life, and so I can know what my crappy drawings stand for

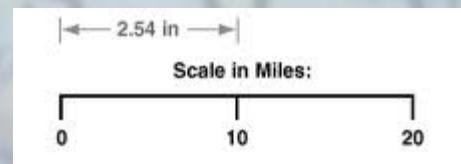
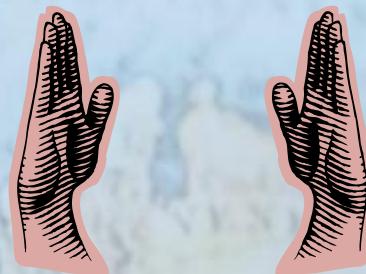
The Parts That Make You Mappy

- Direction Indicator
 - **Compass Rose**
 - Something that indicates direction on a map
 - *Usually includes the...*
 - **Cardinal Directions**
 - N, S, E, W



The Parts That Make You Mappy

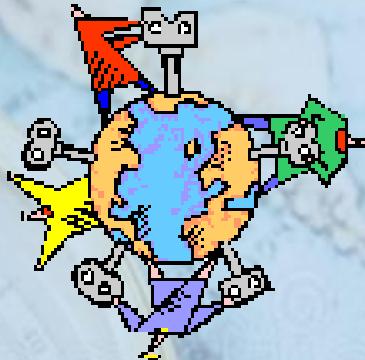
- *Distance Scale*
- Tells you how much space something on a map takes in real life
- *How far is it from point A to point B?*



The Parts That Make You Mappy

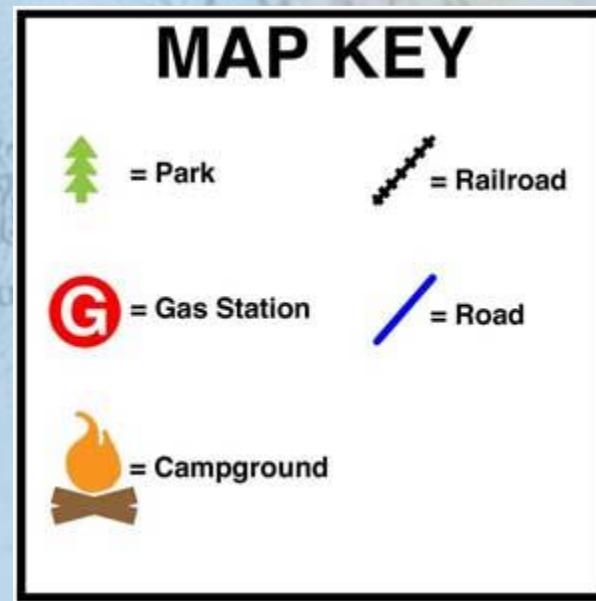
- **Symbols**

- A graphic that stands for something else



- **Legend / Key**

- Tells people what each symbol stands for



The Parts That Make You Mappy

- Any other elements?
 - Title
 - Elevation
 - Surrounding Areas
 - Date
 - Azimuth (true directions)
 - Special Instructions
 - Velociraptors

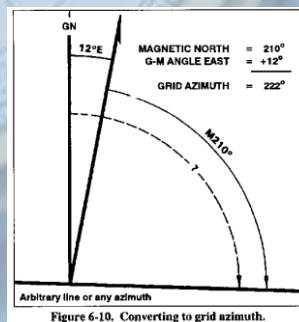
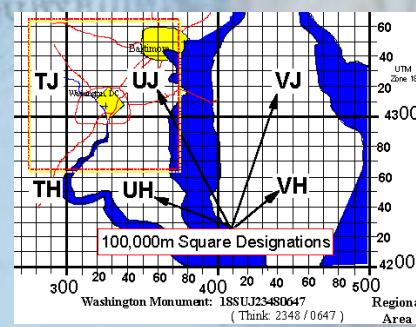
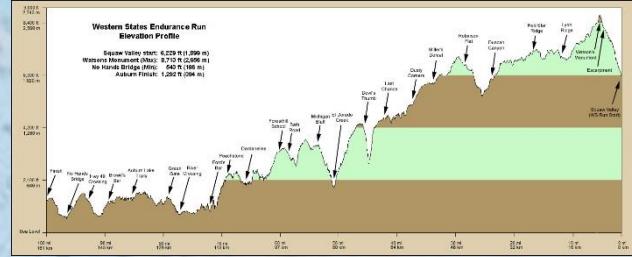
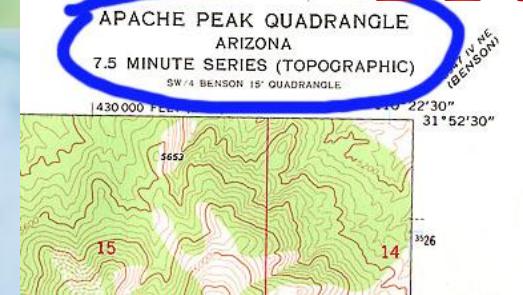
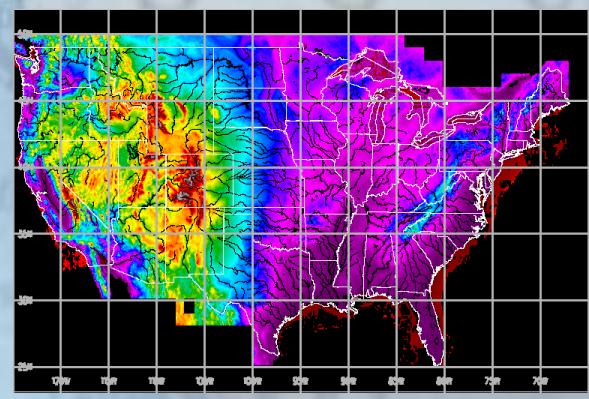
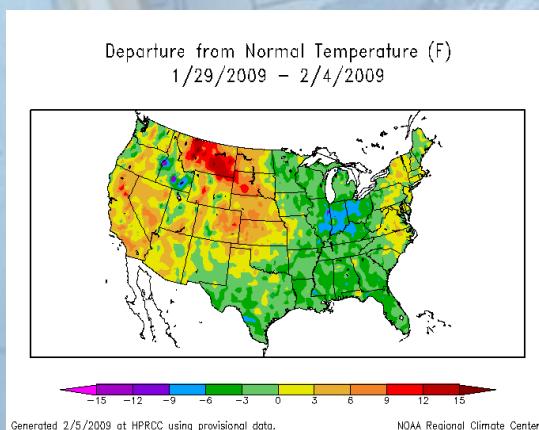


Figure 6-10. Converting to grid azimuth.

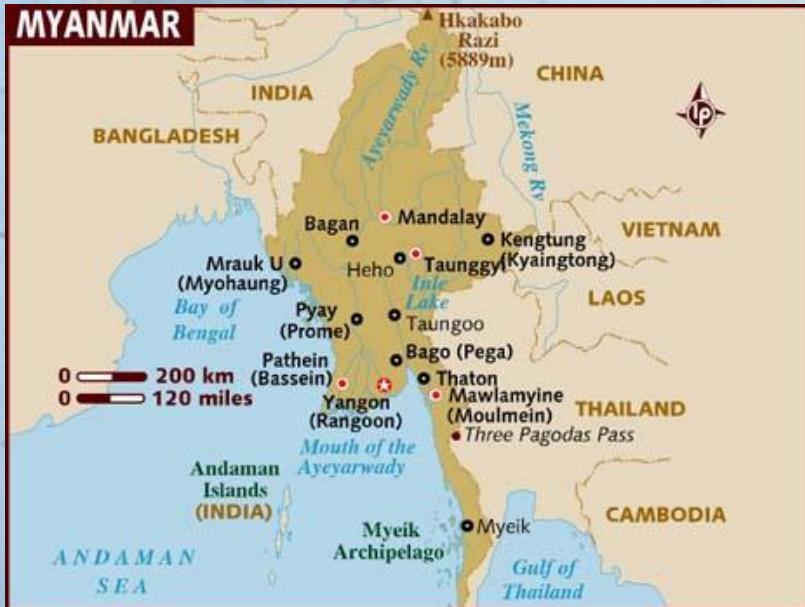


3 Types of Maps

- Political – show borders
- Physical – natural features
- Special Purpose
 - Climate and Precipitation
 - Population and Economic
 - Elevation and topographic



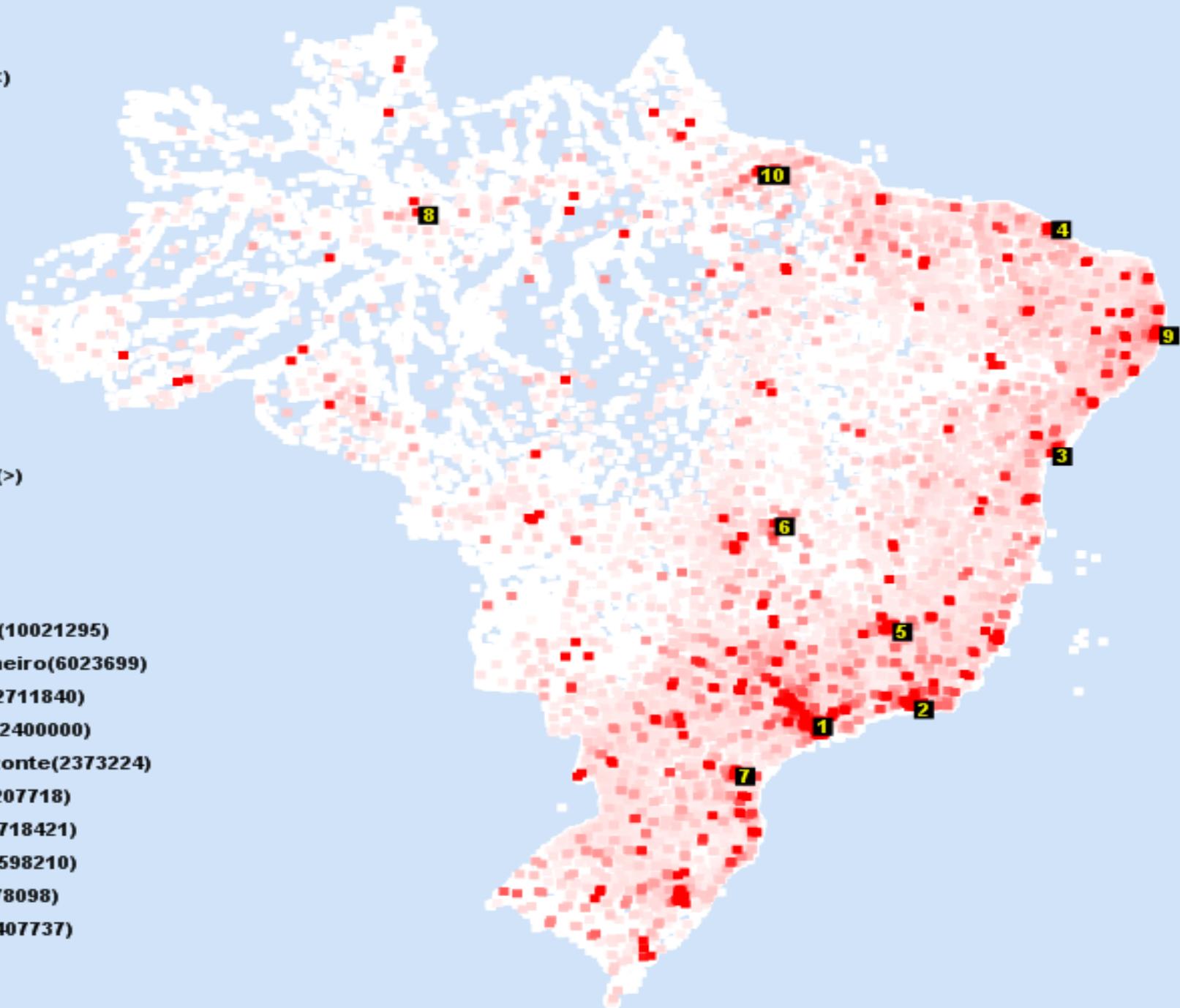
What kind of maps have YOU seen?





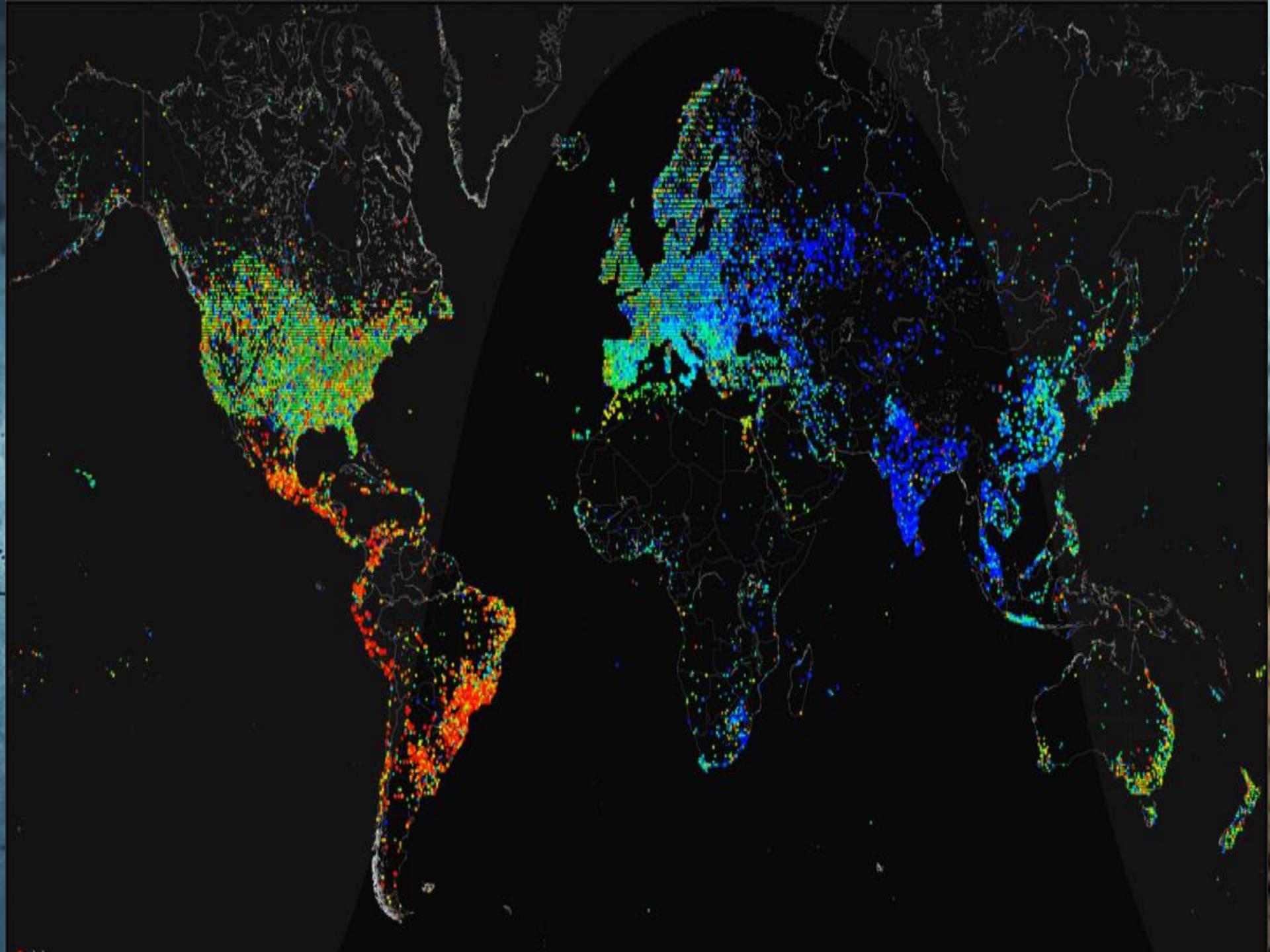


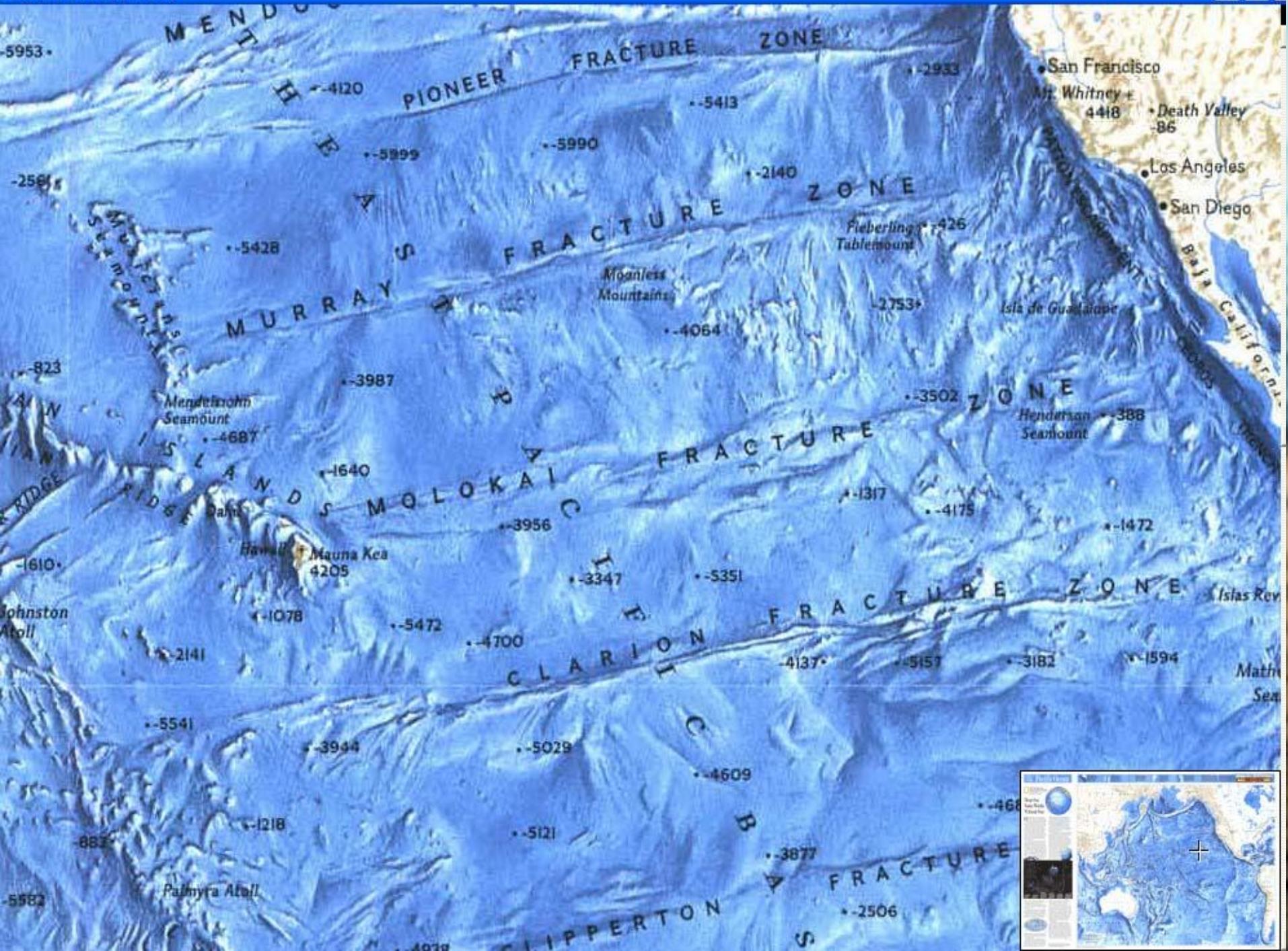
- 1.Sao Paulo(10021295)
- 2.Rio de Janeiro(6023699)
- 3.Salvador(2711840)
- 4.Fortaleza(2400000)
- 5.Belo Horizonte(2373224)
- 6.Brasilia(2207718)
- 7.Curitiba(1718421)
- 8.Manaus(1598210)
- 9.Recife(1478098)
- 10.Belem(1407737)



Europe









World map used in Australian schools



And now a Video!

PIZZA

Let's Make A Map!



Let's Make A Map!

- What are the 3 things you MUST show?
 - Direction
 - Distance
 - Symbols
- HOW do we show them?
 - Scale
 - Compass Rose
 - Legend / Key

Objectives

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