Geographic Tools & Maps
## Vocabulary

<table>
<thead>
<tr>
<th>Maps</th>
<th>Globe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 2-dimensional (2-D)</td>
<td>1. 3-dimensional (3-D)</td>
</tr>
<tr>
<td>2. Easier to carry</td>
<td>2. Difficult to carry</td>
</tr>
<tr>
<td>3. Because they are flat, they are not as accurate</td>
<td>3. 100% accurate</td>
</tr>
<tr>
<td>4. Best for close-up areas</td>
<td>4. Best for large areas/continents</td>
</tr>
</tbody>
</table>
Vocabulary

- **Key/Legend**
  - Shows what symbols on a map represents

- **Scale**
  - Shows how large an area on a map is
Vocabulary

- **Cartographer**
  - Mapmaker

- **Compass Rose**
  - Shows Cardinal Directions (North, South, East, West), and Sometime Intermediate Directions (NW, SW, NE, SE)
Let’s Practice
Identify the parts of the map
Let’s Practice

What is the approximate height of Egypt’s highest point?

About 5,000 feet above sea level
Let’s Practice

About how far are Oman and Egypt?
Types of Map

**Political Maps**
- Government boundaries (states and countries)

**Physical Maps**
- Geographic features (mountains, rivers, islands, deserts)
Types of Map

Topographical Maps
- Type of physical map that includes elevation (how far above sea level)

Climate Maps
- Average weather, such as precipitation (rain and snow) and temperature
Types of Map

Population Density Map
- How many people live in an area (such as 100 people per square mile)

Product Maps
- Natural resources (things that come from nature) available in an area
Let’s Practice
Name that map!

Topographical Map
(see how it shows the elevation)
Let’s Practice
Name that map!

Political Map
these maps usually show each country as a different color)
Let’s Practice
Name that map!

Population Density Map
The legend at the top uses the key word “population”
Let's Practice
Name that map!

Physical Map
The map focuses on the physical features of Europe, such as mountains and rivers.
Let’s Practice
Name that map!

Climate Map
The key is showing the various climates
Other Geographic Tools

Aerial Photographs
- Photos taken from high above the Earth

Digital Satellite Images
- Images taken from satellites in outer space

Historical Maps
- Maps from the past