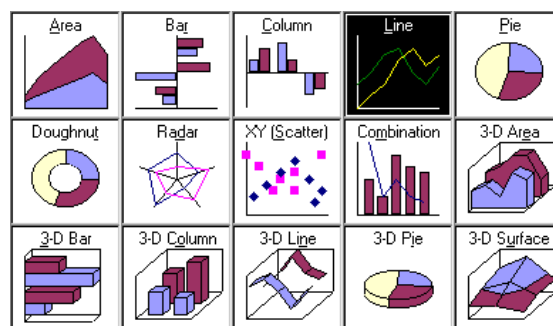


# Earth Science Unit Guide

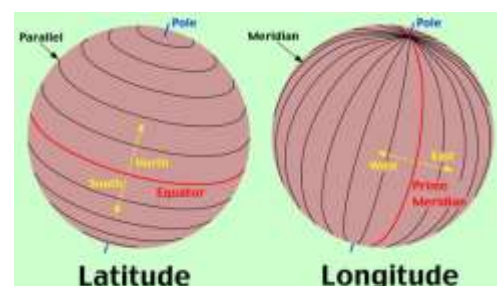
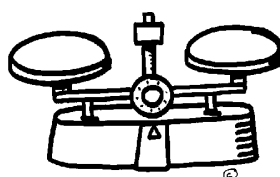
## Science Skills Unit



Estimate from body weight

$$\text{Density} = \frac{\text{Mass}}{\text{Volume}}$$

Must obtain an accurate measure



On test day you should be able to answer all of the following questions:

1. Why are graphs useful and what do they show us?
2. What are the key types of graphs used in science and research?
3. What are the conversion rates for the metric system?
4. How would you find the mass, volume, and density of an object?
5. What are the 3 major types of maps categories?
6. What are latitude and longitude and for what are they used?
7. How can you use a contour map to find the elevation of a canyon and mountain?
8. What are the main symbols on a map and how do you use them to understand the contents of the map?
9. How the periodic table is organized and what is its purpose?
10. What types of websites are the best and most trustworthy for research?



Vocabulary/Concepts		
Graph	Thematic map	Longitude
Volume	Reference map	Periodic table
Density	Topographic map	Plagiarism
Mass	latitude	Element