**Objectives Unit 2 – Data Analysis and Measurement**

**1.3 Organizing Data**

* Which type of graph is used for different situations?
	+ **Line (of best fit)**
	+ **Bar**
	+ **Pie**



* How do you **extrapolate and interpolate** with a line graph?



* How do you show relationships with graphs/data, and how can data be presented so it is misleading?
	+ **Tare Marks**
	+ Scale of x and y axis
* What is **Scientific Notation**, Why is it used, and how do you calculated with it?



* What is the difference between **precision and accuracy**, and how does precision determine the **Significant Figures**?
* How do you determine the number of **Sig Figs** from the measuring device or in an equation?



* What are **SI Base units**, the SI Prefixes, how do you convert SI to SI and SI to English using **Dimensional Analysis** and the **Ladder Method**?