

WORLD OF CHEMISTRY

Chapter 5

MEASUREMENTS and CALCULATIONS

Objectives:

- * To show how very large or very small numbers can be expressed – Scientific Notation
- * To learn the English, metric and SI systems of measurement
- * To use the metric system to measure length, volume and mass
- * To learn how uncertainty in a measurement arises
- * To learn about Significant Figures
- * To learn how dimensional analysis can be used to solve various types of problems
- * To learn the three temperature scales we most often see
- * To learn to convert from one scale to the other
- * To define density and its units