

UNIT 1 STUDY GUIDE – FUNDAMENTALS OF CHEMISTRY

By the end of this unit, you should achieve these learning targets:

Learning Target	How am I doing with this? Write down evidence!
I can identify between qualitative and quantitative data in a dataset.	
I can explain the different types of measurement (distance, mass, etc.) and know units for each.	
I can explain what density is and how it is calculated for an object.	
I can convert between scientific and standard notation and vice versa.	
I can properly complete conversions using dimensional analysis when given conversion factors.	
I can compare and contrast elements, compounds, heterogenous mixtures, and solutions.	
I can explain the four major separation techniques for mixtures/solutions and what they are used to separate.	
I can perform basic metric conversions when given the metric conversion chart.	
I can perform % yield and % error calculations when given the proper formulas.	

Write down any information you struggled with in the space below to review again: