

Class Notes / Textbook Notes

Chapter 1 Introduction Pg 4-5
1.1 Pg 6-12

Topic: **Doing Science**

5 - What is chemistry ?	
5 - What is matter ?	
6-7 - List things common to scientific processes.	<ul style="list-style-type: none">•••••
7-8 - Explain the difference between the two “types” of experiments.	
8 – What is an independent variable ?	
8 – What is a dependent variable ?	
8 – What are constants ?	
8 – What is a control setup ?	
8 - What are experimental setups ?	
8-9 – What is a prediction ?	

8-9 – What is a hypothesis ?	
9-11 - List methods of gathering data.	<ul style="list-style-type: none"> • • • • • •
<p>9-11 - Why could it still be valuable to get precise, non-accurate data?</p> <p>What might that set of data be telling you?</p>	
<p>11 - Is the argument that an idea is “just a theory, it’s not a law” a valid, scientific argument?</p> <p>Why or why not?</p>	
11 - List ways scientists communicate their findings.	<ul style="list-style-type: none"> • • • • •

Summary, Reflection, Analysis