

Chapter 1: The Nature of Science

Vocabulary

Directions: Write a contextual definition for each of the following vocabulary terms. All terms are in the book (not necessarily in **bold**) except those designated with an asterisk*. Identify the page # from the chapter that the term was found on (not the glossary from the back of the book).

Section 1 The Methods of Science (pages 6-13)

1. science <i>page #</i> _____	9. control <i>page #</i> _____
2. scientific method <i>page #</i> _____	10. data*
3. hypothesis <i>page #</i> _____	11. bias <i>page #</i> _____
4. experiment <i>page #</i> _____	12. model <i>page #</i> _____
5. variable <i>page #</i> _____	13. theory <i>page #</i> _____
6. dependent variable <i>page #</i> _____	14. scientific law <i>page #</i> _____
7. independent variable <i>page #</i> _____	15. technology <i>page #</i> _____
8. constant <i>page #</i> _____	

Section 2 Standards of Measurement (pages 14-21)

1. standard <i>page #</i> _____
2. SI <i>page #</i> _____
3. base unit*
4. length <i>page #</i> _____
5. meter <i>page #</i> _____

6. volume <i>page #</i> _____
7. liter <i>page #</i> _____
8. mass <i>page #</i> _____
9. density <i>page #</i> _____
10. derived unit: <i>page #</i> _____

Section 3: Communicating with Graphs (pages 22-26)

1. graph <i>page #</i> _____
2. x-axis <i>page #</i> _____
3. y-axis <i>page #</i> _____

4. positive slope*
5. negative slope*