**Science 9**



**Student Learning Objectives**

***Unit 2: NEWTON LAWS (Chapter 4)***

For each of the following objectives rate yourself according to the following scale:

 **4** I’m an **EXPERT**. I understand the topic well enough that I could teach it to a classmate.

 **3** I’m a **PRACTITIONER**. I understand the topic fairly well but occasionally need some help.

**2** I’m an **APPRENTICE.** I have some understanding, but still need additional help.

**1**  I’m a **NOVICE**. I sort of know what the topic is about but need a lot of help.

*Your goal is to* ***reach or pass practitioner*** *level by the day of the test.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Book Section** | **Objectives** | **Instructional Sources** | **My Self Rating** |
| **1.1 What is Science?** **pgs 1-6** | I can distinguish between the difference branches of science and understand how they overlap.  | PPT Notes |  |
| Vocabulary 7  |  |
|  | WS Nature of Science  |  |
| **1.2 Using a Scientific Approach** **Pgs 7-11**  | I can use the scientific method in science and related fields.  | PPT Notes |  |
| Vocabulary 9 |  |
| Observation Lab |  |
| WS Simpson  |  |
| **1.3 Measurements****Pgs 12-21**  |  | PPT Notes |  |
| I can use the vocabulary of measurement in science 9  | Vocabulary 10 |  |
| I can convert scientific notation correctly.  | WS Scientific Notion   |  |
| I can use the metric prefixes and convert between them | WS Metric Prefixes  |  |
| I can convert between the different temperature scales | WS Temperature |  |
|  |  |  |
|  |  |  |
| **1.4 Presenting Scientific Data** **Pgs 22-27** | I can present my scientific data using variety of methods | PPT Notes  |  |
| I can organize and analyze a data table and graphs | Paper Towel Lab  |  |
| I can identify the relationship between the manipulated and responding variables | WS Graph Analysis  |  |