**PHYSICS SCHEUDULE FOR UNIT 1: *Methods and Measurement***

**9-6 Introduction Day**

* **Matrix**
* **Syllabus Overview**
* **HW: signed syllabus (by 9-9)**

**9-7 Housekeeping**

* **Intro Game**
* **LSA MAP**
* **Book Handout**
* **Packet Handout / Unit Overview / Vocab Review**
* **VOCAB SHEET REVIEW**
* **HW: COMPLETE MAP**

**9-8 Review of Scientific Thinking**

***I can recall and describe the “Nature of Science.”***

* **Collect Map**
* **Quiz – Sci Vocab**
* **Notes: Review of Sci Thinking & Nature of Science**
* **Group Activity: EVALUATING SCI CLAIMS**
* **HW: Review Vocab and SCI THINKING Notes**
	1. **Scientific Questions and Hypotheses**

***I can describe the necessary criteria for scientific questions and hypotheses.***

* **Quiz - Correct & Discuss**
* **Notes: Questions and Hypotheses**
	+ **Discuss variables**
* **HW: PWS 1A**
* **Read notes and Try PWS 1B**
	1. **Methods to Models**

***I can distinguish different research methods for testing.***

* **Quiz - Correct & Discuss**
* **Notes: Methods**
* **HW: PWS 1B**
* **Notes: Models**
* **HW: Prep for Lab (“FROM SCRATH”)**
	1. **LAB – USING SCIENCE**

***I can generate scientific questions and develop hypotheses.***

* **Correct HW**
* **Quiz**
* **DAY 1 LAB – defining questions – specifying – hypothesizing - developing procedures**
	+ **What characteristics of a rubber affect the distance it can be flung?**
	1. **Measurement / LAB**

***I can develop choose appropriate experimental method and develop testing procedures.***

* **DAY 2 LAB – testing – trouble shooting – recording data**
	+ **How will you measure?**
	+ **Using metric units and significant digits in reporting**
* **Measurement**
	+ **Notes: Precision**
	+ **HW: PWS 2A? / 2B / 2C**
	1. **LAB - USING SCIENCE**

***I can create a model from data that I collected and analyzed.***

* **Quiz**
* **DAY 3 LAB – analysis & interpretation**
	+ **How will you organize your data**
	+ **What does it mean**
	1. **LAB - USING SCIENCE**

***I can effectively communicate scientific findings.***

* **DAY 4 LAB – REPORTING**
	+ **Notes: Writing a Lab Report**
* **HW: Finish Lab Report (due Monday)**

**9-19 Unit Wrap Up**

* **Collect Lab reports**
* **Quiz**
* **Review**
* **Unit Outcomes**

**9-20 TEST DAY**

* **Unit outcomes dues**
* **TEST OVER METHODS AND MEASURMEMENT**
* **Pick up Unit 2 Packet – 1D Motion**