

Name: _____

Date: _____

Physical Science – Syllabus

Welcome to physical science! Over the course of the semester, we will be investigating a variety of topic through experimental methods. This means that the material you learn in this class will be gained by performing experiments.

There are two options for earning credit in this course:

- Take the 100 question exam on physical science. It is multiple choice, true/false, and matching. Attaining a 70% automatically earns you a passing mark equivalent to the score earned on the exam. You may email me at teverett@mhrd.org to obtain a review packet that will prepare you for the exam. You may only attempt the test out option once.
- Complete the requirements (labs/problem sets) outlined below.

There are three requirements to successfully complete option two:

- You must complete a minimum of ten experiments
- The average of your ten best experiments must be at least 70%
- You must complete a final problem set covering the topics from the labs; this problem set will be handed out after week 9.

The experiments that are performed in class are shown below:

Week 1 – Graphing Exercise

Week 2 – Density of Common Objects

Week 3 – Domino Effect

Week 4 – Calculating Acceleration Due to Gravity

Week 5 – Inertia and Mass

Week 6 – Spaghetti Breaking Force

Week 7 – Projectile Motion

Week 8 – Paper Chromatography of Markers

Week 9 – Momentum of Inelastic Collisions

Week 10 – Motion of a Pendulum

Week 11 – Speed of Sound (alternate/make up lab)