

## **Course Objective**

This lab-oriented course is designed to provide background in the basic tenets of the principles of Physics. The course discusses the atomic nature of matter, solids, liquids, gases, change of phase, waves, motion, Laws of Motion, work, as well as energy in its various forms. The introduction and understanding of the Scientific Method and basic laboratory skills are a primary focus of this course. An understanding of these will prepare students for future science courses.

## **Materials Needed**

- Textbook
- Netbook
- 3 ring binder w/dividers
- Pen/Pencil
- Notebook
- Ruler
- Graph paper
- Scientific Calculator

## **Classroom Rules**

- 1.) Be on time!
- 2.) Sit in your assigned seat with YOUR materials ready.
- 3.) Only 1 person speaks at a time; when the teacher speaks no one else does. This is a matter of respect.
- 4.) BE RESPONSIBLE FOR YOUR OWN ACTIONS!
- 5.) All schools rules are to be observed during class.

## **Attendance & Make-up Policy**

- Attendance is taken in class on a daily basis
- Students are expected to come to class on time and prepared
- If a student is absent from class it is the student's responsibility to get the work that was missed
- If a student misses a test, quiz, assignment, or lab activity they are responsible for rescheduling a time with the teacher (before/after school or during a free period).

## **Grading**

Quarterly grades are cumulative and are based on the following:

- 1) Tests: a student can expect to have a minimum of 3 tests per quarter with each test worth 100 pts each. The tests will consist of lecture notes, lab exercises, and homework assignments. Accounts for 40% of quarter grade.
- 2) Quizzes: announced or unannounced. Accounts for 15% of quarter grade.
- 3) Lab Reports: students will be graded on their ability to follow procedures, write a lab report, and their behavior in the lab setting. Accounts for 15% of quarter grade.
- 4) Binder Grade: a 3 ring binder is to be kept by every student and will be kept as directed. It will be checked quarterly and will be worth a test grade.
- 5) Homework: missed assignment will have points deducted. Accounts for 300% of quarter grade
  - 1<sup>st</sup> quarter: -5 pts/day
  - 2<sup>nd</sup> quarter: -10 pts/day
  - 3<sup>rd</sup> quarter: -15 pts/day
  - 4<sup>th</sup> quarter: -20 pts/day
- 6) Projects: To be determined.

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_