**Prospectus:** **2019-2020**

**Course:** PHYSICAL SCIENCE

**Teacher:** P. Modine

**Contact:** [paul.modine@cms.k12.nc.us](mailto:paul.modine@cms.k12.nc.us)

**GENERAL GUIDELINES**

**1.** Be on time and ready to participate. If you are not in the classroom by the time the bell rings you will be counted tardy. **ATTENDANCE IS KEY TO SUCCESS!**

**2.** Honesty.

**3.** Integrity: Be responsible for your actions. Do what is expected. Failure to do what is expected of you will result in disciplinary actions.

**4.** Follow directions carefully. We do labs, and failure to do so could result in accidents.

**5.** Accountability: Participate in ALL activities. Sometimes activities are used as learning tools instead of lecture all the time. The more you participate the better you will understand the material.

**General Course Content:**

In this class the student will develop abilities to do scientific inquiry to understand properties of the physical world. This course is an introduction to Physics and Chemistry. The student will be doing **laboratory work** to investigate the properties of these two sciences.

The Chemistry topics 1st semester to be covered will be:

Matter and Properties

Atomic Structure

Chemical Bonds

Chemical Reactions

Acids and Bases

Nuclear Chemistry

The Physics topics 2nd semester we will be studying will be:

Motion

Forces

Energy

Work and Power

Waves

Electricity and Magnetism

The student will also be developing skills in the laboratory such as collecting, identifying, and analyzing data. We will use various techniques to collect the data. A variety of equipment will be used and a safe environment will be maintained. The student will then identify the types of data and use graphing, inference, and charts to analyze the data to come to a conclusion.

**Materials and Supplies:**

Pen/Pencil

Scientific calculator

A 3 ring binder (1 inch or smaller) Need to have every day. Organized by YOU!

**Scheduled Tutoring Time:**

Mon. 2:30 – 4:00

Wed. 2:30 – 3:00 except for the 1st week of the month.

**By appointment if needed - please give advanced notice. (Usually 2nd lunch)**

**Grading Policy:**

* 1. Quarter 1 - 20% Informal Assessments
     1. Homework – anything not finished in class.
     2. Weekly goal setting activity worth 25 points a week.
     3. Daily Activities
  2. Quarter 1 - 60% Formal Assessments
     1. Unit Tests
     2. Quizzes
     3. Lab Manual
        1. Lab manuals will be kept in the classroom at all times.
        2. Labs are done in **pairs.** I will select your partner and you will keep them all semester.
        3. Work with your lab partner carefully, you get the **same grade**!
        4. It will be graded on **completion, correctness, neatness, writing, and conclusion skills**.
  3. Quarter 1 - Mid-Term Exam - 20% of 1st Semester
     1. **Will be after 9 weeks of school**
     2. **Will be comprehensive**
  4. Quarter 2 – 30% Informal Assessments + 70% Formal Assessments
  5. Final Grade = 40% Q1 avg. + 40% Q2 avg. **+ 20% NC Final Exam**

**Late Work:**

1. The student must make arrangements for work when they are absent.
2. The student has 5 days to make contact with the teacher from the day they return and have 10 days to return the make- up work for full credit
3. Any work not turned in will be given a zero, **labs are an exception**. Work that is late will be accepted for ½ credit, or can be re-assessed at a tutoring session. (See below)
4. Class time is given for all assignments, so there is no excuse for not getting assignments done.

**Tutoring, Re-teaching and Test Corrections**:

1. Any assignment**, except a lab**, can be re-taught and the assignment redone for *full credit* **at tutoring sessions.**
2. Any unit test below a 70% will be re-taught and re-assessed (i.e. test corrections or retests) for a maximum score of 70% **during tutoring times**. The rescore depends on the level of mastery of the reassessment.

**Teacher website:**

**pmodine.weebly.com**

1. Due dates, notes, and assignments will be posted there, along with the class prospectus.
2. Parent alerts of upcoming events will also be here.
3. If a student is absent it is a good place to download notes and assignments.

**Preferred Contact:**

Please contact me with any questions or concerns by email, and I will reply to you within 24 hours. **:** [paul.modine@cms.k12.nc.us](mailto:paul.modine@cms.k12.nc.us).

**This is a class where you will be getting up and doing science. Sitting and doing nothing in class is unacceptable. You are accountable for your learning too. The more you participate…..the easier this class will be. HELP ME, HELP YOU!**

Please have parents/guardians and student sign below and return to Mr. Modine.

Cut here--------------------------------------------------------------------------------------

I received Mr. Modine’s Course Prospectus:

Parent/Guardian\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_