**Physical Science Syllabus 2016-2017**

**Marvin Ridge High School**

**Instructor:** Ms. Knight  **E-mail:** [**patricia.knight@ucps.k12.nc.us**](file:///C%3A%5CUsers%5Cpatricia.knight%5CDownloads%5Cpatricia.knight%40ucps.k12.nc.us)

**Room:** D-117 **Planning:** 11:15-1:10 daily

**School Website:** [**http://mrhs.ucps.k12.nc.us/**](http://mrhs.ucps.k12.nc.us/)

**Textbook: Physical Science:** Glencoe Science, 2005

**Course Syllabus**: The following schedule will be followed as closely as possible.

Fall 2016

PSc. Introduction, Safety, Scientific Method, Matter (8/29 – 9/8)

PSc The Atom/Periodic Table (9/9 – 9/20

PSc. Chemical Bonding (9/21 – 9/28)

PSc. Chemical Reactions (9/29 – 10/7)

PSc. Solutions/Acids and Bases (10/10 – 10/18)

PSc. Radioactivity (10/19 -10/21)

Psc. Motion (10/24 – 11/2)

PSc. Forces (11/7 -11/14)

PSc Energy (11/15 – 11/21)

PSc Heat Energy (12/5 – 12/9)

PSc Waves, Electricity, Magnetism (12/12- 12/20)

Review/NC Final Exam 1/3 – 1/20 2017

**Objectives/Goals: NC Final Exams**
The NC Final Exams are used to assess student understanding and will be given on the date set by UCPS board policy.

**Grading:** 10 point grading scale will be used on all assignments.

|  |  |
| --- | --- |
| Grade | 10 point scale |
| A | 90-100 |
| B | 80-89 |
| C | 70-79 |
| D | 60-69 |
| F | Below 60 |

**Grading continued:**

\*Each quarter grade will consist of a variety of assignments and ways to evaluate student understanding. Some examples include:

**TESTS**: chapter exams, lab exams, and major projects.

**Daily grades**: class work, homework, quizzes, labs, activities, and participation.

Progress reports are issued half way in each grading period and dates are posted on MRHS website. All progress reports must be parent signed and returned regardless of student’s average.

\*Laboratories-- are a mandatory part of this class. Laboratory reports are required on some labs. \*Major Projects --research projects may be assigned throughout the year. Each project will include a handout of details, expectations, and grading.

\*Benchmark tests- UCPS gives a Physical Science benchmark set by the county.

**Supplies:**

3 ring binder to keep assignments organized and dividers for each major section covered

College rule notebook paper

Pen (blue or black)

A mechanical pencil is preferred over a traditional one

Basic calculator

**Class Policies:**

Due dates are critical to the success in any science classroom. Please check the CANVAS website for assignments, notes, projects and resources

Make-up Work: Attendance is critical for school success. Please make sure
 If you are absent, it is your responsibility to get copies of work while you were absent.

 Missed tests must be taken **before or after school** within the MRHS policy period.

 If you are absent during a lab, you must make special arrangements to make up the lab or get and complete an alternative assignment.

**Cheating/Plagiarism.**

 Cheating on a test or an assignment will result in a grade of zero for all involved.

 Data for lab reports must be taken during lab. Copying of lab data after lab is not allowed. Each student is responsible for his/her roles in a lab write-up.

**Classroom Expectations:**

• All school rules will be followed as stated in the student handbook.

\*Students are expected to be in their seat and ready when the bell rings.

• All materials for class are expected daily.

• The room must be clean at the end of the period before leaving.

• Treat everyone with respect.

• Follow directions and instructions carefully.

• All safety rules as stated in the Flinn Science Safety Agreement must be followed.

A parent/student signed copy must be returned before participation in lab activities.

**Keys for Student Success**

• Have a positive attitude!

• I am here to help you succeed. Attend the tutoring sessions on Tuesday and Thursday.

• Ask lots of questions. If you are unclear about something from the textbook, lab, or

from discussion, ask for clarification.

• Try to make connections between the lecture, homework and labs. Labs and homework are designed to reinforce significant ideas from the text. Make sure that you see these connections.

• Spend time each day reviewing notes from class. Re-read notes or handouts from class.

 “Successful people maintain a positive focus in life no matter what is going on around them. They stay focused on their past successes rather than their past failures, and on the next action steps they need to take to get them closer to the fulfillment of their goals rather than all the other distractions that life presents to them” . Jack Canfield