**Teacher:** Mr. Dunne

**Room:** 217

**Email:** Shanem.Dunne@cms.k12.nc.us

**School Phone:** (980) 343-5988

**Website:** HopewellPS@weebly.com

**Tutoring**: 2:30-3:30pm on Monday

**Course Description:** Physical Science is designed to continue the investigation of the physical sciences, Chemistry and Physics. The investigations should be approached in both a qualitative and quantitative manner in keeping with the developing of mathematical skills of the students. All goals focus on the following concepts:

* Scientific Inquiry
* Properties and Classification of Matter
* Structure and Properties of Atoms
* Chemical Bonding and Reactions
* Forces and Motion
* Nature, Conservation, and Transfer of Energy
* Nature and Properties of Mechanical and Electromagnetic

# Grading Procedures Grading Scale

Formal 70% A = 90 - 100

-Unit Tests and major projects B = 80 - 89 C = 70 - 79

Informal 30% D = 60 -69

-Quizzes, Homework, F = 0 - 59

Classwork, etc.

# Materials and Supplies Required

* Access to Physical Science, by Holt, Rineheart, and Winston. (Provided in-class, but can be checked out)
* 1 3-ring binder (To store handouts, study guides, etc.)
* Pencils/ Pens  (Blue or Black only)
* 1 Subject Notebook

 **My Background:**

 I graduated in 2013 from Tennessee Tech University.

 So far I have completed one year as a teacher at Hopewell High School with some of the greatest students I could ask for.

 **Classroom Philosophy:**

 This classroom is its own world; we have our own rules, and we treat each other differently in here than we do before we walk through the door. We can attribute this to respect. While in class, we are expected to respect one another; I expect you to treat each other well, and respect each other’s right to learn. It is our responsibility to ensure that we can coexist in the best learning environment. All of our expectations are based on respect: For each other, for the class, and for anyone who interacts with us while in class.

 We must work together to create and maintain a classroom where we are comfortable taking risks and strive to gain knowledge every day.

**Mastery Grading:**

 ​ *“Every student at Hopewell High School will be given an opportunity to master course objectives through a variety of strategies provided during class and outside of class. Students’ formal grades will be broken down by specific objective. After each formal assessment, every student will be given the opportunity to improve their mastery of specific concepts and then demonstrate this improvement to improve their grade.”*

**Signing Work:** All work that is turned in must have the student’s name on it. If there is no name, the assignment will be counted as a zero in the gradebook.

**Binders:** All students are to keep an interactive science binder that is neatly organized. These will be graded. ***The binder will serve as the end of course study guide.***

**Homework:** Homework will be given out sparingly; if I feel extra time is needed for a subject. All homework will be graded. Assignments are expected to be turned in on the due date.

**Tutoring/ extra help:** Students who want or need extra help may see me after school on Thursdays. If this time is not suitable please make time to see me so that we may discuss a suitable time. Do not wait until the day of or the day before a test or an assignment is due to seek help.

**Make-up work policy:** It is advised that students make up any missed assignments as soon as he or she returns to school. Remember it is the responsibility of the student to ask for any missed assignments. **You have 5 days to make up work after returning to school. 2 weeks are given for Tests.**

**For Tests/Quizzes:**

 **If a student scored below a 79%, he/she can re-take the assignment for a max of 79%**

**Bonus Tutoring/practice will be provided for anyone who wishes to re-take a test.**

**For Late work:**

 **Students may turn in the work the next day for a max of 65%**

 **Students may turn in any late work before last published exam of the quarter for a max of 50%**

**Attendance Policy:** Students are expected to be in class every day. **Students must recover any days over the limit of 10.**

**Tardy policy:** When the tardy bell rings, students must be in the class and seated in his or her assigned seat in order not to be counted.

**Hall passes:** Students are encouraged to use the restroom/ get water **in between** classes. Students will only receive 2 Restroom Passes per semester. After both passes are used, the student will not be allowed to leave the class except for in the case of an emergency.

**Parental contact:** Phone calls will be made on a regular basis. A midterm progress report will be sent home by the student during the 4th week of every nine weeks. Parents are welcome to schedule conference.

**Student conference:** Students are welcome and encouraged to schedule an appointment to discuss grades, performance, and/or problems in class. Class time is not the time to discuss your progress or grades.

**Food and drink is prohibited in class.**

**Plagiarism:** in any form, will not be tolerated. If any part of a student’s work can be found in any other printed form, whether it be published or on the Internet, it will result in an automatic zero on the assignment and referral to an administrator. Cheating is defined as students using someone else’s work to complete his/her own.

**Students must come to class prepared to learn; this includes having all the necessary material (textbook, workbook, notebook, calculator, paper, pencils, etc.) and assignments completed and ready to turn in. I will not take incomplete work or any work that does not show thoughtful and concerted effort!**

**Class Expectations**

It is expected that every student show respect to all people and property in the classroom. Each student is guaranteed the right to an education, and disruptive behavior on the part of any student cannot be tolerated.

We are here to grow in both knowledge and in maturity, to this end we agree to adhere to the following standards:

**While in the classroom, I will:**

* Keep my head up
* Refrain from talking to my peers about unrelated topics
* Raise my hand if I have a question or comment
* Stay in my seat unless I ask for permission
* Silence & put away my cell phone / electronic devices
* Adhere to the school’s dress code

**During Lecture or Solo Work, I will:**

* Remain silent
* Attempt to complete the work in its entirety
* Keep my eyes on my own paper

**During Group Work, I will:**

* Discuss the work with my group mates
* Contribute to my group’s discussion
* Actively Participate
* Give everyone a chance to help

**When a classmate has been called on, I will:**

* Remain silent
* Give that student my full attention

**I will not:**

* Shout out
* Curse in the classroom
* Tap my pencil/hands/feet to make noise
* Eat or drink in the classroom
* Arrive to class late
* Break any school rules

**If I break any of these expectations, I understand and agree that:**

1. I will receive a warning
2. I will have a private conference with the teacher
3. I will call home & explain my behavior to my parent/guardian
4. I will be given a referral to the office

A violation of any major rule, such as fighting or illegal substance possession will immediately be escalated to 4.

**Additionally, I will:**

* Answer in complete sentences when applicable
* Put my name on any paper I turn in
* Keep my book bag off my desk
* Immediately start work on the warmup as I enter class

**A brief, informal note from Mr. Dunne:**

 Science is an amazing subject, and in the entire field, there none that covers such a large span of differing topics as Physical Science. In this class we will learn about many things about elementary physics and chemistry. As such, you could very well start the class learning about Protons, Neutrons, and Electrons, and end the year learning about magnetic forces and sound waves. Here is a brief overview of how the class will be set up and the amount of time you should expect to spend on a unit. In all there will be 11 units, and each will have a formal assessment (test) involved, which bring the total to 11, which I realize is a lot.

**Part 1: Chemistry**

Unit 1 – Atoms

Unit 2 – Molecules

Unit 3 – Balancing Chemical Equations

Unit 4 – Acids and Bases

Unit 5 - Nuclear Decay

Unit 6 – Classification of Matter

**Part 2: Physics**

Unit 7 – Speed and Motion

Unit 8 – Forces

Unit 9 – Work and Power

Unit 10 – Electricity and Magnetism

Unit 11 - Waves

These units will range from 1 – 2 weeks in duration, so they do go by quickly, however, the units build off one another, and the learning process is very streamlined. For example, we first learn what makes an atom, and then we learn how those atoms come together to form molecules, and then how those molecules interact in a chemical reaction.

Even so, it is possible to get burned out towards the end of a unit. It is both of our responsibility to make this class as enjoyable and informative for each other. I will do everything to make the information interesting and accessible, and it is my expectation that you in turn adhere to the rules I’ve put in place. Each has its purpose, and I am more than willing to speak about any rule after class.

 I understand fully that Science, particularly Physical Science is not everyone’s proverbial cup of tea, and I understand, I really do, that not everyone will be interested in the topics we cover. I love Science, but it can sometimes be hard to make the formula for acceleration fun and exciting; I simply request that you bear with me through the tough times, and have faith that I have your best interest in heart.

It is no secret that you will not use all of the information we cover in the future; it’s not often in one’s daily life where they’ll need to calculate the acceleration of a falling object in a vacuum on Mercury, but that’s OK, it’s not the point. The purpose of your time in class, and your career in school, is to prepare you for the future; I’m not here just to help you learn science, I’m here to help you develop skills and mannerisms that will get you hired and make you successful in life.

 However, this is not a one-sided pursuit. I will need you to look at yourself and make sure that you are acting like the person you wish to be. I can do my best to guide you in the right direction, but without a conscious effort to make oneself better, nobody can improve. I want us both to take a moment and think about how we are going to present ourselves to the world – are you someone you admire? If so, awesome, keep it up and let’s work together to enhance your understanding of the world we live in. If not, then all it takes is the right mindset; start each day with the motivation to improve until you are a person you’re proud of. Even if you don’t learn science here, I’d be proud if I could help you gain the skill and confidence you need to be happy.

**Course Contract**

In order for everyone involved in this course to be successful, we must all make a commitment to each other and to ourselves.

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read and understand the course syllabus and expectations. I understand my role as a student and my responsibilities concerning my success. I understand that my teacher will do everything he can to not only teach me the content of the course, but also to help me understand the value of social responsibility, accountability, and the importance of community. I also hereby swear to uphold the honor code as described in the Hopewell High School PBIS handbook. If at any point I have questions or concerns about the class, I will ask my instructor.

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

Parent/Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read and understand the course description and expectations. I understand my roles and responsibilities in helping my student become as successful as possible. I will do all I can to support my student in this course academically, socially, and behaviorally. If in the event I have any questions or concerns, I will contact the instructor to resolve them.

Dear Parent, please provide your current address and the most reliable phone # in which I can contact you. If you have access to email, please provide your current email address.

Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Parent/Guardian Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher Name: Shane Dunne

 I have designed this course to allow every student to be successful both in the classroom and in life beyond high school. I will do all that I can to help every student reach their highest potential. I will always act with fairness and impartiality and do what we deem is best for each individual student. I will always be open to questions, concerns, and comments in order to help everyone work together for the success of all students.

 Teacher Signature: \_\_\_\_Shane Dunne\_\_\_\_