

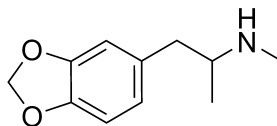
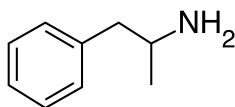
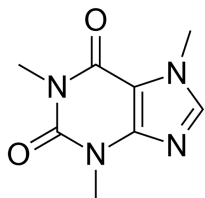
**Plymouth Regional High School**  
**Science Department**  
86 Old Ward Bridge Rd  
Plymouth, NH 03264  
603-536-1444



## Administration

Janet Eccleston | Principal  
Randy Cleary | Assistant Principal  
Todd Austin | Athletic Director  
Kyle Reed | CTE Director

# Chemistry



### Teacher

Gordon Hunter, Ph.D.

### Contact

ghunter@pemibaker.org

### When/where

Block B4, room 123

### Course description

This course will focus on various topics in chemistry, which will include exploring the interactions of matter and energy. Lab safety will be a priority.

### Course length

1 year

### Prerequisites

Biology, Intro to Physics/Chemistry (level 3 or above), Algebra II

### Materials

Bring to each class a notebook, something to write with, and a folder or binder to keep handouts. Work will be submitted primarily on paper.

### Resources

CK-12, Gizmos, in-class handouts, and materials posted in Google Classroom.

### Topics

Nature of science, matter and its interactions, stability, forces, energy, electromagnetic radiation, atomic and molecular structure, periodic table and trends.

### Grading

Labs/projects: 10%  
Classwork: 40%  
Quizzes: 10%  
Exams: 30%  
Work habits: 10%

### Overall grade

Quarter 1: 20%  
Quarter 2: 20%  
Midterm exam: 10%  
Quarter 3: 20%  
Quarter 4: 20%  
Final exam: 10%

### What is the "work habits" part of your grade?

This is a biweekly assessment of the student's ability to be accountable for their behavior, for respecting classroom expectations, for meeting deadlines, and for participating actively and mindfully in class.

### Skills learned

Lab safety, observation, analysis, reasoning, and basic laboratory techniques

### Writing

Lab reports, essays, and short answers on assessments.

### Assessments

Tests, quizzes, homework, in-class assignments, simulations, lab reports, special projects, mid-term and final exam.

**Plymouth Regional High School  
Science Department**

86 Old Ward Bridge Rd  
Plymouth, NH 03264  
603-536-1444



**Administration**

Janet Eccleston | Principal  
Randy Cleary | Assistant Principal  
Todd Austin | Athletic Director  
Kyle Reed | CTE Director

*To participate in lab activities, a signed lab safety agreement must be on file, and a score of 80% or higher on the safety test.*

**Classroom expectations**

The following expectations are in place to maintain a safe and productive learning environment for everyone.

1. Respect yourself.
2. Respect your classmates.
3. Respect the classroom environment.

**Science room policy**

1. No food or energy drinks in the classroom. Water is okay, but only by the desks.
2. Follow all safety procedures (lab safety agreement).
3. All classroom supplies are to be used as intended (e.g. meter sticks are for measuring length, not for swordplay).

**Attendance / Late work**

If you are absent you will be responsible for the material covered that day as well as any assignments. Late work is only accepted for full credit due to an absence. Retakes are available for quizzes. All labs must be made up within three days of your absence. Alternative lab assignments will be available if you are delayed in returning to school or materials are no longer available.

**Artificial Intelligence**

Artificial intelligence (AI) tools such as ChatGPT can assist in providing explanations and suggestions and can be very useful when used correctly. However, these tools should not be used for direct answers to graded assignments. You should not submit AI-generated content as your own work. I consider this to be a form of cheating and plagiarism.

**Academic help**

I am available for students during Bobcat Block and after school until 2:50 pm in room 123. Let me know ahead of time if you plan to stop by after school, and I'll make sure to be in my classroom.

**Vision of the Graduate**

PRIDE and tradition, two cornerstones in the foundation of our school culture, are a legacy from our past and a vision for our future. Plymouth Regional High School is committed to preparing students to become productive and engaged citizens in a global community. Therefore, in addition to acquiring a core body of knowledge through local curriculum that reflects state and national standards, all students will develop the following skills and dispositions.

**Practical Skills and Personal Growth**

**Responsibility and Respect**

**Innovation and Critical Thinking**

**Diversity and Awareness**

**Engagement and Communication**