

College Prep Chemistry

Course Syllabus & Expectations



Course Description

College Prep Chemistry is a full year chemistry course that will introduce you to the foundations of chemistry and prepare you for a college-level science course. There will be an emphasis on problem-solving through both a qualitative and quantitative analysis of inorganic substances. Topics will include properties of matter, chemical reactions, stoichiometry, chemical energy and acid-base chemistry. We will be doing lab experiments frequently so safe laboratory technique and clear communication skills are critical.

Units of Study

1

Structure &
Properties
of Matter

2

Chemical
Reactions

3

The
Mole

4

Thermo-
dynamics
& Kinetics

5

pH &
Organic

CONTACT

Email: kaustin@rsu23.org
Voicemail: (207) 934 - 4461
ex. 1240



Text -----
to 81010 for text reminders
and updates

In addition, all materials and
agendas will be posted on
google classroom daily

EXTRA HELP

Available Mondays,
Wednesdays and Thursdays
during CLB or before/after
school by appointment

MATERIALS

- 3-Ring Binder
- Writing Utensil
- iPad
- Scientific/Graphing Calculator

Grading

As OOBHS moves towards a standards-based model, I will be adopting this grading method. This means you will be graded on how well you demonstrate your knowledge or performance of a standard. You will still receive a numerical grade (1-100) but the number will represent a level of proficiency. Personally, I really like this model because your grade truly reflects your learning rather than averaging all your assignments together. You will have multiple opportunities to show me your level of proficiency.

Exceeds Standard
100 - 93

Meets Standard
92 - 85

Almost
Meets Standard
84 - 70

Does Not
Meet Standard
< 70

The Standards

Physical
Science
50%

How well you understand the chemistry content

Science
Practices
25%

How well you are able to DO science (labs, write reports, use models)

Engineering
& Design
20%

How well you are able to design solutions to a problem

Guiding
Principles
15%

Your work habits (responsible, reflective, prepared, etc.)

Course Expectations

- Follow all rules in the student handbook AND safety contract
- No cell phones or use of unrelated iPad apps during classtime
- No eating or drinking in the laboratory
- Come to class on time, with materials and prepared to learn
- Respect yourself, your teacher and others
- Don't cheat (copying others, letting others copy you, not citing research, passing off another person's ideas as your own, using additional resources on assessments)
- Clean up after yourself, especially after labs - failure to do so will result in a deduction of your sciences practices grade
- If you are absent, email me or see me before the next class. I will not be able to stop teaching and get you caught up during class time. You have ONE week to make up missed assignments / activities / labs

Please fill out the information below and return along with the safety contract to acknowledge that you have read and agree to the terms in this syllabus.

Student Name: _____

Student Signature: _____

Date: ____/____/____

Parent/Guardian Name: _____

Parent/Guardian Signature: _____

Date: ____/____/____

Best time/way to contact: _____ Phone: _____

Email (optional): _____

Check the box if you would like to receive occasional email updates

Parents: Please use the space below to tell me anything about your child that you feel would help me to better support them.