



Meet the teacher video: <https://www.youtube.com/watch?v=QyysapKZ1OI>

Introduction

Welcome to Mr. Zielinsky's chemistry I class. For the ensuing school year, you will be engaged in learning the various aspects that make up chemistry, a science that effects so many things that it is called "The central science." You will research, perform experiments, derive calculations, and describe chemical processes. There will be homework as well as in class assignments, all to provide the practice and assessments needed to maximize your learning.

Curriculum material will be delivered via traditional note taking, PowerPoint presentations, videos, Canvas wiki pages, traditional laboratory activities, and virtual experiments or simulations.

Curriculum outline

In this course, you will be studying matter and its changes. This will include but is not limited to:

- The nature of chemistry
- Classifying matter
- Measuring matter
- Atomic structure and theory
- Electrons in atoms
- The periodic table
- Ionic and metallic bonding
- Covalent bonding
- The mole concept
- Stoichiometry
- States of matter
- Thermochemistry
- Kinetics
- Equilibrium
- Acids and bases
- Oxidation and reduction
- Nuclear chemistry

Class Materials

Students will require the following materials, which will be brought to class DAILY:

- **A pen or pencil**- Pencils are preferred because they allow for easy erasure of mistakes.
- **Composition notebook**- Notes, laboratory observations, and the calculations for homework problems is to be entered in the notebook. These will be collected at random times to check for upkeep, so keep your notebook current!
- **A scientific calculator**- I cannot guarantee access to a calculator to my students, so it is best that you bring your own. Cell phones are **not acceptable** as calculators!

Donations

As most of the materials used in this class are subject to special licensure to obtain, I do not ask for or expect many donations. There are a few things that can help, though:

- Lysol™ wipes or Clorox™ wipes.
- Facial tissues

Also a \$10 donation to cover chemicals and breakage is appreciated. Go to:

<https://www.schoolpay.com/pay/for/Chemistry--Zielinsky/ScZKHCK>



In order to succeed in any class, you should adhere to the expectations of the course and the instructor. These are my expectations of you this school year:

1. Pay attention to the instructor-

I'm the one that knows chemistry and how to stay safe in the lab. I want you to be able to learn a very useful science without losing limbs or having your skin peel off. Plus, listening to me allows you to hear awful jokes every so often.

In return, I will endeavor to be attentive to your concerns and needs- sometimes students can bring up points that their instructors have not considered.

2. Respect one another and the instructor-

Every person deserves being treated with kindness and respect- it's when we don't do this when problems arise. Part of this respect is respecting yourself by engaging in good behaviors- putting your full effort into the classwork and asking for help when you need it, as two examples.

In return, I will respect your time by giving you instruction that is relevant to the goals and objectives of the course rather than waste it with busy work.

I will respect you by being fair and equitable when grading those relevant assignments.

3. Do your work-

The homework and classwork is for practice and assessment. If you're a genius and understand the topic fully, do it anyway, as it is also how to receive credit in the classroom. Also, do YOUR work- don't copy someone else's stuff and try to pass it off as your own. You don't learn anything that way, and will suffer when test time rolls around. Do not let anyone else copy your work, either. That's like working hard at your job, earning \$100, and then turning over \$50 to your friend who sits on the couch all day.

Doing your best on your work is reflective of your respect for me, yourself, and your peers.

4. Use your brain-

Before you open your mouth, *THINK* about what you're going to say. Don't just say "I don't understand this." Be specific- "I don't understand how to name compounds." That way, I know exactly what to focus on to help you along. Also, you will be expected to draw conclusions and make hypotheses based on what you see. Just shrugging and mumbling "I don't know" won't help you or me.

5. Learn the Tools-

We will be using several different software tools and accessing multiple websites.

Familiarize yourself with the tools, read any FAQs, and ask for help when you're stuck.

6. Don't give up-

Chemistry is a difficult course for many people. It's abstract on many levels due to the fact that we can't easily see atoms. There's a lot of calculations involved in chemistry. There's an entirely new language to learn when dealing with chemicals. It's serious stuff. Keep at it, and you'll be glad you did.



- All students should bring their laptops daily.
- Laptops should be fully charged before arriving at school. It is suggested that they be recharged during lunchtime, as well.
- Any downloading and uploading of necessary files should be done at the beginning of the class period- usually within the first five minutes.
- File names should be as descriptive as possible. “Document01” is nowhere near as descriptive as “Chapter 6 Homework Janet Smith Period 7”
- Leaving your laptop in your locker/at home will not excuse you from the day’s assignments. You will have to complete all work manually.

Laptops are to be used for educational purposes as directed by the teacher. Use of social media websites or other sites not approved is prohibited.

Class Procedures

1. **Raise your hand if you want my attention.** It doesn’t matter if you need to use the restroom, want to ask a question, or want to offer an answer to a question. Wait until I acknowledge you. Be patient, it might take me a little time to get to you.
2. **No passes will be given during the first 10 minutes or the last 10 minutes of each class period.** This is Olympia High School policy.
3. **Personal electronic devices will not be seen or used.** The only electronic devices you should be using are a scientific calculator and your school issued laptop for educational purposes only.
4. **Be in your assigned seat when the bell rings.** If you know you are going to be late to my class, get a pass from the teacher or administrator you are talking to.
5. **Turn in assignments at the beginning of class on the due date.** Assignments turned in after the first 10 minutes will not be accepted. Students who have *excused* absences will have the same number of days (plus one) that they were absent to turn in missed work.
6. **Do NOT eat or drink anything in the classroom.** Most of the chemicals we use are poisonous, and you can easily contaminate any food or drink.

Course Description

The official course description can be found at the Florida Department of Education’s website:

<http://www.cpalms.org/Public/PreviewCourse/Preview/13090>



The grading scale for my classes is the Orange County Public Schools / state of Florida scale:

A = 90-100%

B = 80-89.4%

C = 70-79.4%

D = 60-69.4%

The percent grade will be calculated by comparing total points to the points possible in the class. Point values for assignments are as follows:

- Tests = 100 points each.
- Experiments = 25 points each
- Daily Classwork/Homework = 10 points each
- Bell work, Quizzes, Exit Slips = 5 points each.
- Miscellaneous assignments = 2 points

NO EXTRA CREDIT ASSIGNMENTS WILL BE GIVEN.

Students will be presented with opportunities to do optional assignments several times during the year.

Common Final Exam (CFE)

This course has a common final exam which will be administered in late May. It is worth 20% of your year-to-date grade, and covers the entire year's worth of material- so you need to remember material from unit to unit. Your year-to-date grade does not guarantee you a passing grade until the exam is accounted for in your overall total.

Late Work Policy

Assignments will be due at the *start* of the period of the assigned due date. It may not be graded that day, but it will be noted if it is turned in.

Paper assignments are to be turned in to the proper bin for your class. It is labeled for your convenience.

Notebook assignments will be checked during the bell work period, and will be examined for completion only.

Digital assignments will be turned in according to the type of assignment and are time stamped automatically.

Ten percent (10%) will be deducted for each class session that the assignment is late. After ten days, no credit will be given.

If there are extenuating circumstances which will cause an assignment to be turned in late, **NOTIFY YOUR INSTRUCTOR BEFORE THE DUE DATE.**