

Chemistry Syllabus

SEPTEMBER 2018

"Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning." Albert Einstein

What is Chemistry?

Chemistry is the study of matter and its properties. There are labs. There is math. There is memorization. And hopefully there will be a bit of fun! ☺

Why do you have to study chemistry? Chemistry is the study of matter and everything is made of matter. Chemistry will also help you with your math and logical reasoning skills. You will probably have to take a lab-based science class in college, and you will learn lab skills and safety in this class.

In this class, we will study atoms and compounds, chemical reactions, thermal (heat) energy, and much more!

What Are We Studying This Year?

Unit 1-Introduction to Chemistry, Data collection and analysis

Unit 2- Matter and its changes

Unit 3- Atomic theory and structure

Unit 4-Electron configuration and Periodic trends

Unit 5-Chemical Bonding

Unit 6- Nomenclature and Chemical Equations

Unit 7- Compound

Stoichiometry

Unit 8- Reaction

Stoichiometry

Unit 9-Gas Laws

Unit 10- Solutions Chemistry

Unit 11- Acids and Bases

Unit 12-Thermochemistry

Unit 13- Nuclear Chemistry

MATERIALS LIST:

- Closed-toed, closed-heeled shoes for labs
- Scientific calculator
- 2 Pens/2 Pencils
- Notebook
- See teacher webpage: <http://mrsstruve.weebly.com>

CLASSROOM EXPECTATIONS:

- **Be Prepared and Prompt**
- **Maintain a safe and Productive learning environment**
- **Be Respectful and Patient of everything and everyone.**
- **If you are not sure of something...ask!**
- **Have fun while learning!**

CELL PHONES FOR EDUCATION:

There will be times when students are permitted to use their personal cell phones for class. Sites like Socrative.com allow students to communicate with me and others in a totally different ways. Students may use audio or video taking capabilities of their phone in class to capture themselves doing Science.

Calendar for Tests and Assignments can be found on my Website or Google Classroom As well as other important information.

Google Classroom Code:dqueoc

Grading and Other Important Policies

Summative Assessments—80%

- Tests, Quizzes, Projects

Formative Assessments—20%

- Homework

See attached sheet

A: 100-93.5	A-: 93.4-89.5
B+: 89.49-86.5	B: 86.49-83.5
B-: 83.49-79.5	C+: 79.49-76.5
C: 76.49-73.5	C-: 73.49-69.5
D+: 69.49-66.5	D: 66.49-63.4
D-: 63.49-59.5	F: 59.49 and below

Tests and certain quizzes will NOT be allowed out of the classroom to prevent material from being shared with students who have not yet taken the quiz or exam.

Homework: Every video has a set of notes associated with it and those will be classified as video outlines in the gradebook. ANY assignment not finished during the class is still expected to be completed outside of class.

If a student does not have a computer at home, student computers are available in the classroom, in the library or during WIN.

Make-Up Work

If you are absent, you have the number of days you were absent to make up the work. For example, if you are absent for 3 days, you have 3 school days (NOT 3 Day 1s or 3 Day 2s to get the work turned in).

If you are absent only the time before a test, you will be expected to take the test when you return UNLESS new material was covered during the class that was missed.

You will have 5 school days to make up a lab that was missed or to see the instructor for information you will need to complete the lab as needed.. If you do not make it up within this time, it will be entered as a zero.

ALL make-up work is due before the end of the nine weeks.

Student-Centered Learning Environment

- ◆ Students must take ownership of how they learn the material by going on to the class website, Edmodo, or other available resources nightly.
- ◆ Students must take notes and write/post questions about the material they do not understand so that it can be answered the following day in class.
- ◆ Students must come to class ready to work bell to bell on practice problems, projects, skill-building exercises, group work, labs, etc.
- ◆ Students MUST USE class time effectively to complete all assignment fully in order to be prepared for both formative and summative assessments.
- ◆ If a student did not watch the required material the evening it was assigned, they can watch it during WIN. This means everyone has access to the material even if they do not have the resources at home.

Tutorials

Room: A38

Email: struve@wausaukee.k12.wi.us

I am available before or after school for those wishing to seek extra help. You may need to schedule an appointment as I may have meetings or other events that I need to attend.

Absolutely NO EATING, DRINKING (except WATER), or GUM CHEWING in class or lab.

Tests/Quizzes

*Announced and Pop Quizzes will be given.

*Summative Assessments are permissible, but ONLY 1 retake is permitted per semester.

*A written request by the student and an explanation, student demonstration of mastery, teacher approval and arranging the retake should all occur within 1.5 weeks of original summative assessment.

Textbook

Chemistry: Connections to Our Changing World by LeMal et al.

Resources:

Mrs. Struve Room A38

715-856-5151 ext 138

struve@wausaukee.k12.wi.us

<http://mrsstruve.weebly.com>

Grading Policy:

As of the 2015-2016 school year, Wausaukee Junior High and High School will be adopting a new grading policy. This new policy, which will be outlined in the student handbook, creates a greater emphasis on assessments. With the adoption of the new grading policy, students' grades will be comprised of 80% summative assessment which is any assessment that requires students to show what they independently know. This may include tests, projects, lab reports, skill checks, and quizzes. The remaining 20% of student's grades will be based on formative assessments which are anything that students complete with guidance. This may include labs, homework, class participation, notes, group discussions, and quizzes.

A	93% - 100%	C	74% - 77%
A-	90% - 92%	C-	70% - 73%
B+	87% - 89%	D+	67% - 69%
B	84% - 86%	D	64% - 66%
B-	80% - 83%	D-	60% - 63%
C+	78% - 79%	F	59% and below

Students may request one retake per semester on a summative assessment. In order for a student to be granted a retake, they must complete the following steps:

- Formal request form completed within 2 weeks of original assessment.
- Completion of learning plan (steps students will take to show their attempt at re-learning, building on their learning)
- Teacher approval

Student schedules time for retake.

Please read over the new grading policy. Don't hesitate to contact me with questions regarding the new policy.

Absences

Students need to be accountable for themselves. If a student misses a day of school, he or she is responsible to get the notes, handouts, and any homework assignments that were given while they were gone. I will not remind you or seek you out to give you what you missed while you were gone. Make-up work is due the following class period after receiving it.

Technology Use

The appropriate use of technology in this classroom is required. As part of our curriculum, students will be using technology. Students must abide by **the Acceptable Use Policy** put together by the district. If a student fails to follow the rules of the Acceptable Use Policy, they may lose their technology privileges in this classroom, as well as any other consequences outlined in the Acceptable Use Policy.

Bring Your Own Device: Students are allowed to bring their own device to use for educational purposes. Students must still follow the Acceptable Use Policy and the school's Bring Your Own Device Policy. A BYOD sign will alert students to whether devices will be needed for that day. If students are found using their devices for non-educational activities or are using them without permission, students will turn in their device to Mrs. Struve. If a student is found using their electronic devices, they will be taken and stored in a safe location. If an electronic device is taken before lunch period, the student may pick up their device at the end of the day. If an electronic device is taken after lunch period, the student may pick up their device

Chemistry Syllabus

WE have read the class expectations and syllabus. We understand what is expected of each student and agree to follow all expectations I the class-room and lab to protect ourselves and to ensure a successful year. I understand and agree to adhere to the terms and grading policy set forth by Mrs. Struve. Please sign and return by September 6th or 7th, 2019.

Student Signature

Date

Parent Signature

Date