

## Chemistry

In this course, you will learn about matter, how it is put together and how it interacts with other matter. Like basic arithmetic, chemistry gives you tools to understand and solve real world problems. To succeed in this class, students must demonstrate conceptual understanding, apply chemistry concepts to solve problems, work productively in teams and communicate effectively.

### Unit Topics

Semester 1	Semester 2
<ul style="list-style-type: none"> <li>• Unit 1: Combustion</li> <li>• Unit 2: Atoms, Elements and Molecules</li> <li>• Unit 3: Nuclear Processes</li> </ul>	<ul style="list-style-type: none"> <li>• Unit 4: Chemical Reactions</li> <li>• Unit 5: Chemistry of Climate Change</li> <li>• Unit 6: Dynamics of Chemical Reactions and Ocean Acidification</li> </ul>

### Grades

Your grade is divided into 3 categories, each representing a percentage of your grade. If you do not turn in an assignment you will receive a zero (M) on the assignment. Please see me during tutorial or after school if you have a question about your grade.

Grading Categories		Grading Scale
Tests & Quizzes	45%	<b>A = 100-90%</b>
Classwork, Labs, Projects and Homework	45%	<b>B = 80-89%</b> <b>C = 70-79%</b> <b>D = 60-69%</b>
Final Exam	10%	<b>F=59% or less</b>

#### Course Materials

##### Course Websites

Every student will need the following items with him or her every day in class:

- 3 ring binder (1 ½ inch)
- Blue or black pen
- Pencil and eraser
- Bound composition book

#### Resources

Projects may involve working outside of class or students may occasionally need to get help or make up labs and quizzes. To assist you the following resources are available:

##### Office Hours:

- *Tutorial Period, Tuesday-Friday*
- *After school until 3:30.*
- *By appointment.*

##### Email:

[javery@sjusd.org](mailto:javery@sjusd.org)

##### Class websites:

Avery Science: [www.averyscience.com](http://www.averyscience.com)

Google Classroom: <https://goo.gl/P5t7T9>

## Class Policies

1. Respect the teacher, classroom & other students.
2. Always follow safety rules.
3. If you are not in class by the second bell, you are tardy. WGHS tardy policies will apply.
4. Follow all school rules - Refer to the Willow Glen Student Handbook for dress code, electronics code etc.

Breaking the rules will result in ANY of the following: (1) verbal warning, (2) parent conference, (3) detention and/or (4) referral to the AP of Discipline

**Cell Phone Policy** - We may use cell phones for educational purposes, and you will be specifically and explicitly instructed when to do so. If an electronic device is being used for any other purpose, the device will be confiscated and given to Mr. Gallegos.

**Food** - No food, drinks (except water). This will keep the room clean and keep ants and cockroaches away. Bottled water is acceptable.

**Excused Absences** - Exchange phone numbers and e-mail addresses with classmates so you can find out what we did if you missed class. Find class handouts in the "Chemistry" box when you return from an absence. You will have 1 week from the day you return to make up work. Quizzes and labs can be made up during tutorial or after school. **If you do not make up or turn in work you will receive a zero (M) on the assignment.**

**Late Work** - Work is considered late if it is turned in after the due date. All late work will have a **mandatory 20% deduction**. Late work will not be graded after the end of the six-week grading period.

**Quiz Retakes** - You can retake quizzes during tutorial or after school to raise your grade during a unit. *Quizzes may only be retaken once.* Projects, labs and tests cannot be redone.

**Safety** - Coursework and labs make-up 45% of your grade, but to do lab work you must pass a safety test and turn in a safety contract. You can retake the test as many times as you need until you pass it. If you do not pass the test OR hand in the contract, you will not be able to participate in labs & projects

**Academic Honesty** - Plagiarism occurs when someone uses another person's words, ideas or work without stating where it came from. Plagiarism will result in a zero grade, parent-teacher conference and/or a referral.

Students will complete labs together but **will be expected to finish the analysis independently**. In these cases, collaboration outside of completing the lab is considered plagiarism. If the student is unsure if collaboration is allowed, it is their responsibility to ask.

Research on projects & labs is encouraged, however, proper credit must be given to sources.