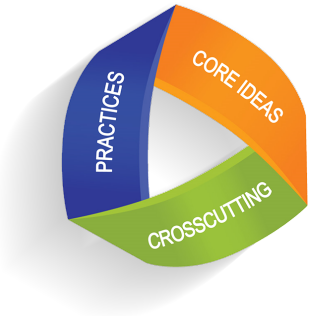
2021-2022 Syllabus
Honors Chemistry in the Earth System 1,2
Samuel F. B. Morse High School
Instructor: Danielle K. Vincent Griffith

Teacher Contact Information:

- Room Number: **411**
- Classroom Phone Number: **619-510-4700 x2411**
- E-mail: **dgriffith@sandi.net**
- Class Website for students: **https://sandiegounified.instructure.com/**
- Gradebook: **https://powerschoolsummer.sandi.net/public** [use Student ID/Password]
- Teacher's Tutoring Times: Before school & after school (Times will be posted on Mondays for the week.)

General Course Description: The learning focus in this class is directed by the Next Generation Science Standards (NGSS) three course model which integrates Physical Science and Earth and Space Science.The course will follow the district guaranteed and viable curriculum (GVC). Units are based on the six instructional segments outlined in the California Framework and include: Combustion, Heat and energy in the earth System, Atoms, Elements and Molecules, Chemical Reactions, Chemistry of Climate Change, and Dynamics of Chemical reactions and Ocean Acidification. Students will engage in the Science and Engineering Practices (SEP) as well as the Crosscutting Concepts (CCC) to explore phenomena demonstrating the Disciplinary Core Ideas (DCI) of each instructional segment.The goal of the course is to understand the fundamentals of matter in order to interpret processes that shape the Earth. Learning will be inquiry based and students will be expected to master laboratory techniques and apply problem-solving skills. Honors students will have the opportunity to explore some of the mathematical concepts in depth. Additional information on each of the units of study can be found at this link, as well as a video overview of the course.



Honors Chemistry Matters Project: All students will be required to complete the Chemistry Matters Project centered around the Sustainable Development Goals, a blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace, and justice. The purpose of science is to solve problems. Students taking this chemistry course will learn skills and knowledge to empower them to contribute and take action. Students will work throughout the course to research and take action to tackle the goal of their choice, displaying their learning and progress at the final exhibition. Students wanting Honors credit will need to complete two of the options for each unit's final assessment.

Computers/Notebooks: Students are expected to bring their charged computer and their charging cord to school each day. Students will be given an Interactive Science Notebook to use for note taking that will also need to be brought to school each day.

Laboratory Rules: This course is a science course. As such, students must participate in laboratory exercises, some of which involve chemical reactions. Students are expected to follow all laboratory rules, including the special dress code rules – no open toed shoes**,** and students with long hair must

have a method of confining their hair. Students are liable for damage due to improper use of equipment. Students must agree to follow the guidelines in the safety contract.

Citizenship: Citizenship grades will be based on student participation in class, including completion and submission of formative work, unexcused absences, compliance with all classroom and safety rules, and appropriate classroom behavior, including using classroom time effectively. Parents/guardians will be contacted if there is any inappropriate behavior and citizenship grades will be affected.

Late/Missed Work and Revision Policy: ***Students who complete work on time may revise low-scoring work.*** Students have up to two weeks after the original due date to revise assessments/graded assignments, and they must both see the teacher for tutoring/conference prior to reassessment and complete the reassessment(s) within two weeks of the original due date. This policy only applies to graded work. Small assignments, such as exit slips or other formative work cannot be done over. Accommodations may be made for students with special needs, including extenuating circumstances. Students who do not turn in the assignment on time should use the two weeks after the due date to seek assistance with the assignment and turn it in late. ***Late assignments/assessments will not be allowed to be revised.***

Textbook: There is no required textbook. All materials are provided.

Grading Policy: Student grades will be determined based on summative assessment scores assigned by the teacher

- The class grading scale will be as follows:
  - 4/A: Outstanding. Completes all level 3 requirements, and in addition is able to synthesize conclusions from information in a new context.
  - 3/B: Proficient. Consistent and effective participation in classwork, including discussions, data collection and analysis during lab activities; adheres to all lab safety protocols, participates with exercises, and good content accuracy /presentation quality.
  - 2/C: Approaching Proficiency. Weak productivity in data collection and analysis during lab activities, with content accuracy /presentation quality limitations and some errors.
  - 1/D: Not proficient. Work contains major errors indicating disengagement from learning opportunities.
  - 0/F: No evidence. Assignment not turned in.
- To check a student's grades,visit https://powerschool.sandi.net/public. Adults and students have their own individual sign in IDs and passwords.
- Course grades will be determined by the following percentages: **A: 100-90%, B: 89-75%, C: 74-65%, D: 64-60%, F: 59-0%**

Discipline Policy: All school-wide policies will apply, including rules about masking and social distancing. **Student masks must be worn correctly at all times on campus other than when eating or drinking**. Students should turn off their electronic devices and put them completely away. Students are not allowed to have food or drink (other than water) in classrooms. Safe behavior during laboratory experiences is mandatory.

MORSE HIGH SCHOOL'S EXPECTATIONS FOR STUDENT BEHAVIOR

Students are expected to…

1. Arrive to each class period on time
2. Respect yourself, respect others, and respect the property of others
3. Engage in productive work
4. Maintain a safe and clean environment

NOTE: The content of this syllabus could change at any time; in this case you will be notified.
PLEASE COMPLETE THE PAPER SURVEY TO INDICATE YOU HAVE READ THIS SYLLABUS.