



Chandler Unified School District

SCI480 Phenomena in Natural Science

SY 2024-25



Course Overview

Course Description

This course promotes using the scientific process to explore natural phenomena. The scientific method will guide exploration and lead to students' ability to create explanations of natural phenomena. Students will create, analyze, and communicate the results of laboratory experiences focusing on physical, Earth, and space sciences. Students will analyze and interpret data and communicate and engage in arguments from evidence regarding effects. Students will create data models subject to statistical analysis to show a correlation between variables, allowing students to draw conclusions and make predictions.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Biology

Course Materials

Composition book (preferred - less likely to lose pages)

Pencils and coloring supplies (writing IS processing/learning)

Agenda/planner (RESEARCH shows students who use are FAR more successful!)

Calculator (simple)

CHARGED laptop daily!

Helpful: personal scissors, glue, stapler, highlighters, ruler

Adopted Resource(s)

STEMScopes (Accelerate Learning)

**An asterisk indicates a resource containing sexually explicit materials per legislative definitions. CUSD has determined that all the above resources are of exceptional educational value.*

Site and Faculty Information

School name and address:

Camille Casteel High School, 24901 S Power Rd, Queen Creek, AZ 85142

Building principal:

Jay Schnittger

schnittger.jay@cusd80.com

Teacher:

Robin Flyte BS - Sociology; Post-Bac - Ed; MEd - Curriculum and Instruction

flyte.robin@cusd80.com

Office hours: Tuesday/Thursday 7:00 - 7:30 am (subject to change)

Course Access

This course is taught in-person at Camille Casteel High School. Students will have access to the curriculum and instruction in the classroom. Google Classroom is the primary location for students to access material when absent from classes taught in person.

Help

Academic Support

- Contact the teacher to schedule an appointment during office hours
- [Ed Tech](https://www.cusd80.com/Page/45109) support for students, parents/guardians, and community link ([cusd80.com/Page/45109](https://www.cusd80.com/Page/45109))

Mental Health Support

- CUSD mental health support [cusd80.com/Domain/10528](https://www.cusd80.com/Domain/10528) or 480-573-8808 (talk or text)
- Suicide & Crisis Lifeline: 9-8-8 hotline
- 24-hour Crisis Line Talk: 602-222-9444, Text: 741-741

Student Conduct, Success, and Responsibilities

Student Handbook

Students must follow the policies and procedures in the [Student Handbook](#). Copies of the handbook can be found at <https://www.cusd80.com/Page/533>, and printed copies will be provided upon request.

Student Responsibilities

- Follow all policies and procedures established by the Student Handbook. www.cusd80.com/handbooks
- Bring all supplies (comp book, laptop, writing/art supplies) to class daily.
- Use Google Classroom when absent and/or come to tutoring/conference to make up work. All assignments are posted daily, and most are doable from home to help you stay current.
- Attend tutoring/conference when you first need it! Don't wait until you get behind!
- Cheating/plagiarism: A grade of zero will be given.
- Backpacks should be placed under student tables with all needed supplies out for class at the beginning of each period.
- Cellphones will be kept in pocket holder at front of room. Attendance will be taken from these pockets.
- Bathroom/water breaks should be taken during passing periods. If needs arise during class, only 1 student at a time may leave and must return within 5 minutes. NO PHONES are allowed to be taken during bathroom/water breaks.
- Tardies: students will be marked tardy if not in seat, ready with supplies when bell rings.
 - 1st: verbal warning
 - 2nd: parents emailed
 - 3rd: referral to Attendance Intervention Specialist

Late work

Students may turn in work for late credit up to 2 weeks after the due date. Beyond that, assignments may become permanent zeros. Absent students have as many days absent to make up assignments (example: due Wednesday, but absent - assignment due Thursday).

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. At the end of the first and second semesters, students will complete the CUSD Common Final. The Common Final

will count for 20% of the student's final semester grade in grades 9-12 and 10% in grades 7-8 (some exceptions may apply at the Junior High level). Common finals will be in ELA, Math, Science, Social Science, and World Language.

Final exams will be given during the CUSD Jr High/High School Early Dismissal days in December and May, as identified on the [District Calendar](#).

If students are requested to participate in a survey, the survey questions will be provided to parents/guardians seven days before student contact.

Grading

Grade Percentage

- A 90% - 100%
- B 80% - 89%
- C 70% - 79%
- D 60% - 69%
- F <60%

Quarter grades

Grades will be calculated from the student's test scores, quizzes, lab reports, classwork/homework, projects, presentations, and class participation. Grades are based on cumulative points per quarter/semester and calculated into a percentage based on the criteria below:

- Formative assignments - 40% weight
- Summative assessments - 60% weight

Semester grades

Semester grades are calculated using 40/40/20: Each quarter accounts for 40% of the semester grade and the final exam accounts for the remaining 20%.

Units of study

Units for SCI480 Phenomena in Natural Science

**An asterisk will indicate a unit of study or novel containing sexually explicit materials per legislative definitions.*

- The Big Bang Theory
- Stars, Energy, and Gravity
- Waves, Electricity, Magnetism, and Technology
- Technological and Scientific Advancements in Engineering
- Earth's Systems and Climate
- Impacts of Using and Transferring Energy
- Influence of Human Activity

Signature Page - Please return this page to your student's teacher.



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Parent/Guardian

Acknowledgment

Parents/Guardians must specify their approval by selecting "Acknowledge" or "Potential Conflict" for their student's involvement in the units of study. Please note students cannot decline participation in standards-based units. The teacher will reach out regarding options if "Potential Conflict" is selected.

Unit of study	Acknowledge	Potential Conflict
The Big Bang Theory	<input type="checkbox"/>	<input type="checkbox"/>
Stars, Energy, and Gravity	<input type="checkbox"/>	<input type="checkbox"/>
Waves, Electricity, Magnetism, and Technology	<input type="checkbox"/>	<input type="checkbox"/>
Technological and Scientific Advancements in Engineering	<input type="checkbox"/>	<input type="checkbox"/>
Earth's Systems and Climate	<input type="checkbox"/>	<input type="checkbox"/>
Impacts of Using and Transferring Energy	<input type="checkbox"/>	<input type="checkbox"/>
Influence of Human Activity	<input type="checkbox"/>	<input type="checkbox"/>

**An asterisk will indicate a unit of study containing sexually explicit materials per legislative definitions.*

By signing and returning this form, the parent/guardian acknowledges they have reviewed the resources and units of the study included in the syllabus.

- As the parent/guardian, I understand I may contact the teacher with questions on resources, content, or units of study at any time during the school year and view my student's grades in Infinite Campus.

Student name (printed)

Student signature

Parent/Guardian name (printed)

Parent Signature

Date

Please return this page to your student's teacher.