



Chandler Unified School District

SCI320A Environmental Systems Science

SY 2023-24



Course Overview

Course Description

This year-long course shows thematic connections between biology, chemistry, geochemistry, and Earth systems. Students focus on Earth systems, human populations, natural and energy resources, pollution, chemical technologies, thermodynamics, and ecosystem dynamics. Students learn a realistic picture of the applications of scientific concepts manifesting in the environment. The course provides knowledge of today's environmental challenges while continuing to cultivate scientific and critical thinking skills.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Biology. Grade 10 or higher.

Course Materials

School issued computer, headphones (that plug into computer), pencils/pens, erasers/whiteout, scientific calculator, binder/folder, 2 composition notebooks, loose leaf paper, duct tape, markers, colored paper, mini-stapler, tape.

Adopted Resource(s)

Environmental Science -Holt McDougal (Holt McDougal).

**An asterisk will indicate a resource containing sexually explicit materials per legislative definitions. CUSD has determined that all resources listed above 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:

Jayson Phillips
phillips.jayson@cUSD80.com

Teacher:

Christina Meyer BAE
meyer.christina@cUSD80.com
Office hours: Monday and Thursdays 2:30-3:30pm

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](#) support for students, parents/guardians, and community link (cUSD80.com/Page/45109)

Mental Health Support

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- CUSD mental health support 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 established in the Student Handbook. Copies of the handbook can be found at cusd80.com/handbooks. Printed copies will be provided upon request.

Student Responsibilities

Students must follow the policies and procedures established in the CUSD Student Handbook. Copies of the handbook can be found at <https://www.cusd80.com/handbooks>. Printed copies will be provided upon request.

To be successful

1. Come to class prepared to learn. (Mentally & with your materials)
2. Respect all people. (Physically and ideas shared)
3. Respect all property (School & personal property)
4. Challenge yourself. (This will just help you throughout your life)

Student Responsibilities

Cheating/Plagiarism:

1. For a first violation, the student will receive a zero with the option of making up the assignment after school with the teacher. Grade will reflect a 25% deduction from points earned on assignment AND be placed on academic probation for violation of the Honor Code.
2. For a second violation, the student will either receive a zero on the assignment in question OR may be subject to disciplinary penalties in accordance with the CUSD student handbook, AND be placed on academic probation for violation of the Honor Code. The student will sign a probationary contract and will remain on academic probation for a full calendar year from the date of the infraction.
4. The student will write a 400-word personal response focusing on the importance of ethics and character. The student's personal response must be submitted to the Mrs. Culver within four school days of that student's placement on academic probation.
5. A violation by a student already on academic probation due to a previous violation will result in the student's academic probation will continue. The student will also receive a zero on the assignment on which the second violation occurred and may be subject to disciplinary penalties in accordance with the CUSD student handbook.

Cell Phones:

Cell Phone & headphone use is NOT allowed in class unless otherwise specified. THIS IS NON-NEGOTIABLE!!!! All cellphones will be collected at the beginning of class and stored in the cellphone caddy up front near the teachers desk.

Student Conduct:

It is the expectation that students hold themselves to high standards. The teacher will address students who are not meeting these expectations. Typical classroom behaviors consequences these are they standard progression for discipline:

- + a warning
- + a warning, Red folder reflection with a phone call
- + a Parent-teacher conference
- + a referral.

Our goal is to work with families to ensure that all students have a safe and focused learning environment.

There is no food or drink allowed in the classroom except water due to safety rules.

Please see course handbook for more details (<https://tinyurl.com/4rxmvv7c>)

Technology:

With the 1:1 technology initiative, it is the responsibility of the student to bring their fully charged laptop to school every day. Technology is a tool no different than a pencil. Like all school supplies, students are expected to have the supplies needed to learn.

Discipline Protocol:

It is the expectation that students hold themselves to high standards. The teacher will address students who are not meeting these expectations. Typical classroom behaviors consequences these are they standard progression for discipline

a warning

a warning with a phone call

a Parent-teacher conference

a referral.

Our goal is to work with families to ensure that all students have a safe and focused learning environment.

Tardy Protocol:

Students are expected to be in their seats when the bell rings and ready to learn. If a student is tardy to class teachers will follow this progress to rectify students being late to class.

a warning on their first and second offense.

the teacher will email / call home.

Notify Attendance Interventionist and email / call home.

On the fifth offense, the teacher will refer the student to our Attendance Interventionist, who can work with families and assign Saturday school if necessary.

The teacher has the option to provide their own lunch detention at their discretion instead of writing a conduct referral.

Absences:

Students who have excused absences have at least one day every day they are absent to make up the work they missed. Excessive absences can result in the loss of a credit for the course.

Late work

50% is docked off for any assignments late. You can submit late work until the end of each unit. Zero credit will be given AFTER the unit test if the assignment is turned in late. I can't go back and change grades after the quarter ends.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. Students will complete the CUSD Common Final at the end of the first and second semesters. 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	B	C	D	F
90% - 100%	80% - 89%	70% - 79%	60% - 69%	<60%

Quarter grades

Each quarter (9-10 week period) will have 60% Summative grades (tests, quizzes, labs, activities) and 40% Formative grades (homework, kickstarts, readings, flipped notes, & notebook checks). Sometime I may decide I need to take an assignment for a completion or mastery grade (i.e. accuracy). Treat all of your work as if I'm scoring it, take practice seriously - you get out what you put in.

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 SCI320A Environmental Systems Science

Introduction to Environmental Science

Earth Systems & Resources

The Living World (Ecosystems) Part 1

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



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SY 2023-24



Site: Camille Casteel High School

Building Principal: Jayson Phillips, phillips.jayson@cusd80.com

Teacher: Robin Flyte, flyte.robin@cusd80.com

Parent/Guardian

Acknowledgment

Parents/Guardians should indicate if they "Acknowledge" or have a "Potential Conflict" with their student's participation in the following units by checking the appropriate box for each unit of study listed. Students cannot opt out of a standards-based unit. Marking "Potential Conflict" will prompt the teacher to make contact regarding assignment alternatives.

Unit of study	Acknowledge	Potential Conflict
Introduction to Environmental Science	<input type="checkbox"/>	<input type="checkbox"/>
Earth Systems & Resources	<input type="checkbox"/>	<input type="checkbox"/>
The Living World (Ecosystems) Part 1	<input type="checkbox"/>	<input type="checkbox"/>

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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 that I may contact the teacher if I have questions about the resources, content, or units of study.
- ☐ As the parent/guardian, I understand I can check my student's grades in Infinite Campus anytime during the school year.

Student name (printed)

Student signature

Parent/Guardian name (printed)

Parent Signature

Date

Please return this page to your student's teacher.