

Science Course Syllabus 2026-2027

Biology / Environmental Science / IPC

School Name: Central High School

Course Name: Biology / Environmental Science / IPC

Teacher Name: Dana Davey

About Your Teacher: My name is Dana Davey and I have been teaching for 18 years. During my first year, I taught 5th grade. After 3 years, I moved to middle school and taught 7th grade ELA, Reading Improvement, and Dyslexia. After about 10 years, I moved up to high school. I have taught 9th and 12th grade ELA and Biology.

Contact Information

Email: dana.davey@saisd.org

Phone: (325) 659-3434 ext. 422

Conference Period: 1st Period

Room Location: Tucker Rm 118

Tutorial Times and Locations

Monday: 7:40-8:10 AM (Tucker)

Tuesday: 7:40-8:10 AM (Tucker)

Other times available by appointment

Course Description and Requirements

This science course is designed to increase students' knowledge of life science while developing critical thinking, scientific inquiry, and organizational skills. Students will engage in hands-on investigations, data analysis, and real-world applications of scientific concepts to prepare for higher education and informed citizenship.

Units of Study:

- Biology: cells, genetics, evolution, ecology, body systems
- Environmental Science: ecosystems, biodiversity, natural resources, sustainability
- IPC: matter and energy, force/motion/energy, waves, atoms and elements

Primary Learning Expectations:

- Demonstrate understanding of core scientific concepts and principles
- Apply scientific methods to investigations and problem-solving
- Analyze and interpret data using appropriate tools and technology
- Communicate scientific findings effectively
- Make connections between science and real-world applications

Required Materials:

- Notebook paper
- Blue or black pens
- #2 pencils
- Charged device (laptop/tablet)
- Additional materials (composition notebook, folder, sticky notes, highlighters, etc.) will be provided as needed

Grading Policy

San Angelo ISD Grading Guidelines

In compliance with district policy, grades will be calculated as follows:

Grade Breakdown:

- 60% Major tests, projects, and lab reports
- 40% Quizzes, homework, and classwork

Grade Drops: One minor grade will be dropped each grading period. No major grades will be dropped.

Semester Exams:

- First Semester Exam: Comprehensive for first semester
- Second Semester Exam: Comprehensive for second semester
- Exemptions: Students have the opportunity to be exempt from spring semester final exams based on district criteria

For complete district grading guidelines, visit: *San Angelo ISD Grading Guidelines*

Make-Up Work

Students have the number of days absent plus one to complete assignments. Counting begins the day the student returns to class. Make-up work is the student's responsibility—ASK for it! Students with extended time accommodations will receive additional days to complete missed work.

Late Work

Students may receive full credit for assignments turned in on time. Extended time will be implemented for students with this accommodation.

Late Work Penalties:

- 1st late day: 10% reduction
- 2nd late day: 20% reduction
- 3rd late day: 30% reduction
- After 3rd day: Teacher may assign a zero OR require tutorial attendance to complete work

Class Rules and Expectations

1. Attend class every day; be punctual and prepared.
2. Be courteous and respectful to everyone.
3. Follow directions.
4. Be responsible for your education and your actions.
5. Obey all rules in the district/school handbook.

Room Etiquette and Safety

Passes: Requests will be considered at appropriate times and with permission.

Dress Code: All students are expected to abide by the SACHS dress code.

Tardies: Students arriving after the tardy bell without a pass will receive a TCU (Tardy Counted Unexcused). Excessive tardiness will result in a parent phone call and discipline referral. Note: Arriving more than 10 minutes late will result in an absence per state law.

Electronics: **NO cell phones allowed unless for medical use which will be registered with the nurse.**

Food and Drinks: Drinks may be kept at your desk. Clean up any spills. Snacks are fine, but avoid eating full meals in class. **NO FOOD during labs.**

Safety Protocols: We will abide by all mandated and/or suggested protocols as presented.

Safety drills will be conducted throughout the year to ensure everyone's safety.

Lab Safety: Rules and regulations will be completed and signed in class.

AI/Plagiarism/Academic Dishonesty Policy

- When and how AI tools may be used appropriately in science will be determined by the teacher.
- Citation requirements for AI-assisted work or research will be added.
- Consequences for plagiarism or unauthorized AI use will be determined by the teacher.

Signature Section

I have read and understand the course syllabus and expectations for Science.

Student Name (Print): _____

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

Class Period: _____