

Email: slaw@lwsd.org

Dear Parents and Students,

I want to welcome you all to the 2018-2019 school year at STEM! This syllabus is to help you understand this course and my classroom procedures. Please take time to thoroughly review all information in this syllabus and contact me with any questions or concerns.

Course Outline

This year-long course will provide an opportunity for the student to develop an in-depth understanding of the process of science as it relates to biological sciences. The curriculum is dictated by the College Board. This course meets the goals and objectives of the College Board Science Practices and is designed to support preparation for the AP Biology Exam in May.

By the end of this school year, students will be able to:

1. Use representations and models to communicate scientific phenomena and solve scientific problems.
2. Use mathematics appropriately.
3. Engage in scientific questioning to extend thinking or to guide investigations.
4. Plan and implement data collection strategies appropriately to a particular scientific question.
5. Perform data analysis and evaluation of evidence.
6. Work with scientific explanations and theories.
7. Connect and relate knowledge across various scales, concepts, and representations in and across domains.

Required Materials

1. District assigned laptop and charger (must bring to class daily)
2. AP Biology Investigative Labs: An Inquiry-Based Approach student manual (available online)
3. Composition book, college or graph ruled**
4. Pencils and pens (blue & black ink)

The following materials are optional, but recommended:

5. Colored pencils/markers
6. Highlighters

Students are expected to have their materials in class by Friday, September 7th. Laptops and textbooks will be distributed at the school.

Notes Assignments

Notes assignments will be posted to Powerschool. Students are responsible for watching the indicated videos and taking notes on the assigned book sections. Students will use these notes in class while participating in labs and activities and will add to them. These notes and readings are NOT graded, but are expected in order to be prepared for class (as would be expected in a college course).

Grading

Students' grades will be determined by 4 major assignment types: Laboratory Notebook, Formal Lab Reports, Formal Lab Presentations, and Stats Quizzes. Points and frequency for each assignment type are below

Lab Notebook:	100 pts	1/unit
Formal Lab Report:	100pts	~1/Semester
Formal Lab Presentation:	50pts	~1/unit
Stats Quizzes:	10 pts	~1/week for 25 weeks

Parents are advised to reference their student's laboratory notebook to monitor work completion.

Late Work Policy

Assignments may not be turned in late. Any work not completed in class will become a homework assignment for that night. Each student is required to have this work completed at the beginning of class the following day. Any major assignments lasting over 3 class days will be announced and posted on Haiku in advance, giving students time to prepare. **NO** late assignments will be accepted and tests will not be given at a later date (except for absent students). **Work turned in without a name will be placed in the "no name" bin and will be treated as late.**

Make-up Work Policy

Attendance is necessary to succeed in this course. However, if you are absent, you are encouraged to speak with your teammates about what was missed. Each student is responsible for asking a classmate what they missed and following up with me if they have questions. It is an expectation that each student is responsible for their own work and will catch up when they return to school. This includes getting data collected by their group when lab days are missed.

Students will have one week from their absence to clear any missed assignments, tests, or quizzes (although I would strongly suggest completing them sooner than this). If there are any extenuating circumstances concerning make-up work, students or parents should contact me before the student returns to school or on the student's first day back to discuss their individual situation.

Work missed due to UNEXCUSED absences MAY NOT be made up.

Classroom Rules and Consequences

Classroom Rules:

1. Students are expected to follow all school rules as described in the Student Rights & Responsibilities packet (see LWSD website for a copy).
2. Students are required to bring ALL required materials to class daily.
3. Students are to respect each other at all times.
4. Students are not to disrupt class unless they have been given permission to speak.
5. Students should speak softly and stay on task when working in groups.
6. All lab safety rules should be strictly followed.

Academic Honesty

Cheating in any way, shape, or form *will not* be tolerated in class. I have a ZERO TOLERANCE policy on cheating. **If you are caught cheating, copying another student's work, or plagiarizing assignments, you will receive an automatic zero for the assignment or test without warning.** This includes all class assignments and homework as well as tests and quizzes. You are responsible for your own learning and are expected to complete your own work.

Cheating includes, but is not limited to, copying answers on tests or homework, talking during exams, glimpsing at nearby test papers, sharing laboratory reports, swapping papers, stealing, plagiarizing, illicitly giving or receiving help on exams or assignments.

Electronic Devices

Each student at STEM is assigned a laptop. The following are procedures for how to use these and other electronic devices in my classroom:

1. Students are expected to bring their laptop to class each day fully charged and functional. Bring your charging cable with you to school each day.
2. Students should save their work to Microsoft OneDrive (the district approved cloud storage). This ensures that you will be able to access your work from any computer in case you have to use a loaner.
3. No extensions on assignments will be granted due to a computer issue. You are responsible for having access to your work even if using a loaner computer.
4. Laptops and other electronic devices should not disrupt instruction. I will give instructions on when and how to use your laptop in class. I reserve the right to ask for all laptops to be removed from desks. If electronic devices (including cell phones) are disruptive to the class or are keeping you off-task, they will be taken and parents will be contacted.
5. **No printer/computer excuses allowed! You are responsible for having your materials and assignments.**

Office Hours

My office hours are below. Please use these for makeup tests/quizzes and extra help as needed.
Monday – Friday 2:20 – 3:20pm

The best way to contact me is by email. **Please allow two full school days for a response.**

Thank you for reading the classroom procedures and syllabus. I look forward to working with you and your student and hope to have a wonderful school year!

Mrs. Law
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