



Tefft Middle School
Home of the Trojans!

7th Grade Science 2024-25 Syllabus

(630) 213-5535 As Needed, leave a message with secretary.

A Tefft Student...

- ★ Is Always Prepared
- ★ Sets Goals
- ★ Respects Self, Others & School
- ★ Is Always Improving
- ★ Keeps Data
- ★ Gets Results

Learn Like a Champion!
Battle for Success!
Accept Nothing Less!

Course Name & Description:

Science is a year-long course that will cover six main areas of study. These include Energy, Forces and Interactions, Waves, The History of Earth, Natural Selection, and Human Impacts. Daily procedures include bell ringers, direct instruction, academic teaming- where students collaborate, peer coach, and peer teach while engaged in rigorous, standard based tasks and practice opportunities to solidify understanding of new concepts. Students can expect to work in the lab several times per week. The unit summative assessments will occur every 2-3 weeks (or so) and notification will be provided prior to the test date. Formative assessments will occur sporadically and may not always be announced.

Classroom Expectations

- Act according to our Tefft motto: Respect Yourself, Respect Others, and Respect Your School!
- Wear Student ID at all times when coming back to the building
- Check Canvas, email and online resources everyday
- Be in class when the bell rings
- Begin bell ringer immediately
- Arrive prepared with all materials
- Raise my hand to ask or answer questions
- Show respect to my classmates and my teachers
- Get dismissed by my teachers, NOT the bell
- Electronic devices(cell phone, AirPods etc.) must be turned off
- No gum during class

Required Daily Supplies/Course Materials, Including Texts

- Charged Chromebook
- Pens/pencils
- Notebook with paper

STUDENT EVIDENCE/ASSESSMENTS

Assessments based on SBLA demonstrate that students have the knowledge and skills necessary for success in the next grade, next course, and finally for college and career.

Scores do not compare one student to another. They measure how students are doing on the grade/course level standards.

Evidence of learning (summative) and evidence for learning (formative) include any artifact that indicates whether or not a student has achieved proficiency in a standard. This can occur through in-class work, formative events, mid-unit, end of the unit, and end of course assessments.

PROFICIENCY SCALE

Standards-based rubrics will be used to determine students' level of proficiency, using the 0-4 scale based on set criteria. Rubrics will be distributed at the beginning of a unit of study and referred to throughout the learning progression for the purpose of providing feedback.

Summative Scores – What does it mean?

4 = Indicates the highest level of competency and skill in the subject matter, demonstrating deep knowledge and the ability to apply the concepts for the course or grade level.

3 = Indicates a solid level of understanding and competency, producing work that consistently meets the standards of the course or grade level.

2 = Indicates partial mastery of the knowledge and skills that are fundamental for the course or grade level. Students may show familiarity with basic concepts, but struggle with more advanced material.

1 = indicates a limited understanding of the skills for the course or grade level. Students may struggle with basic concepts and require support.

0 = No Evidence There is no, or insufficient, evidence of learning to assess the standard at this time

Final grades posted to a report card will be calculated with the following weights:

70% - Summative Assessment Scores: Mid / End of the unit measure of student proficiency. Students have 1 reassessment attempt for each summative assessment in a unit and the reassessment attempt must be completed before the end of the next unit. There may be relearning requirements that must be completed before the reassessment attempt.

20% - Formative Assessment Scores: Work that prepares students either in content or in form for the summative assessment. This work must include feedback for students on their results. Formative assessment can be reassessed within the unit but not after the unit summative. Late work will be accepted up until the end of the unit with no penalty.

10% - Intentional Practice Scores: Classwork that supports students in learning the content. Teacher feedback on student progress is required for this work. Intentional practice work is not reassessed and late work is accepted up until the end of the unit

with no penalty. At the end of the unit (when the end of unit summative is submitted), any unsubmitted work will receive a score of zero.

LATE WORK

Any late work that a student may have must be turned in within the reassessment window. Once the reassessment window is closed, the assessment will no longer be accepted.

EXTRA CREDIT AND BONUS POINTS

To ensure that grades reflect progress toward and achievement of the standards, **giving extra credit points or bonus points will not occur in this class.** The vision of U-46 is that behavior/participation will be reported separately from academic achievement and is not a component of a student's academic grade.

GRADE DETERMINATION

Infinite Campus is used to communicate students' proficiency in each assessment, overall reporting strand, and the predicted semester letter grade. The semester letter grade will be informed by the student's learning proficiencies throughout the semester. Mastery of standards leads to mastery of the reporting strands, which in turn leads to mastery of the course.

- Standards-based rubrics will be used to determine students' level of proficiency, using the 0-4 scale, on individual standards and assessments.
- A predicted in-progress letter grade for each reporting strand will be calculated within Infinite Campus by averaging each of the proficiency scores in the strand.
- A predicted semester letter grade for the course will be calculated within Infinite Campus by averaging each of the reporting strands.
- The equal incremental grading scale to determine a letter grade is below.

ACADEMIC DISHONESTY/PLAGIARISM POLICY

Academic dishonesty refers to cheating, copying, plagiarizing, or otherwise representing the work of others as one's own through verbal, written, graphic, electronic, or other means. Students determined to have been academically dishonest are subject to disciplinary action. Consequences will depend on the severity of the offense, the number of offenses, the impact on other students and teachers, and/or the curriculum. Academic dishonesty undermines the learning process and will not be condoned.

Attendance - Every Minute Matters

The biggest key to success is attendance. Please ensure that your child attends each and every school day unless he or she is ill. Time off for vacations or traveling sports teams are marked as unexcused absences. All work must be made up. Contact the school each time your child is absent, and provide advance notice to teachers whenever possible for unexcused absences. (Customize, as desired).

(revised 5/2024)

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	the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.	
Pacing	Second Semester	Evidence Statements
6 Weeks	Unit 4 - Weather & Climate Air Masses and Weather: MS ESS 2-5 Collect data to provide evidence for how the motions and complex interactions of air masses result in changes in weather conditions. Atmospheric and Oceanic Circulation: MS ESS 2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates. Causes of Global Warming: (Supporting Standard) MS ESS 3-5 Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.	MS ESS 2-5 MS ESS 2-6 MS ESS 3-5
6 Weeks	Unit 5 - Cells to Organisms Structure and Function of Living Things (Cell Theory): (Supporting Standard) MS LS 1-1 Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells. Cell Parts and Functions: MS LS 1-2 Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function. (Common Assessment Standard) Interacting Body Systems: MS LS 1-3 Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells. Food and Chemical Reactions (Cellular Respiration): (Supporting Standard) MS LS 1-7 Develop a model to describe how food is rearranged through chemical reactions forming new molecules that support growth and/or release energy as this matter moves through an organism.	MS LS 1-1 MS LS 1-2 MS LS 1-3 MS LS 1-7
6 Weeks	Unit 6 - Reproduction, Heredity, and Artificial Selection (Teacher Resource Guide) Mutations: MS LS 3-1 Develop and use a model to describe why structural changes to genes (mutations) located on chromosomes may affect proteins and may result in harmful, beneficial, or neutral effects to the structure and function of the organism. Sexual and Asexual Reproduction:	MS LS 3-1

	MS LS 3-2 Develop and use a model to describe why asexual reproduction results in offspring with identical genetic information and sexual reproduction results in offspring with genetic variations. (Common Assessment Standard) Artificial Selection: MS LS 4-5 Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.	MS LS 3-2 MS LS 4-5
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Online Resources for Students and Parents

1. Tefft Middle School Website: <https://www.u-46.org>
2. District U-46 Website: <https://www.u-46.org>
3. District U-46 Grading Policy: <https://www.u-46.org/Page/16207>

Extra Assistance

- Before and /or after school by appointment only.
- All students are expected to check their grades on Infinite Campus weekly. Should a conference with the teacher be necessary, students will make an appointment with the teacher for a meeting before or after school.

Canvas

Each student will be joining Canvas. Teachers will communicate with students to ensure students are up to date. All assignments, homework, notes , tests, quizzes, announcements and anything else related to the class will be posted on a daily basis.