



6th Grade Science Pre-AP

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Conference Period: 4th Period 11:27 am – 12:12 pm

Tutoring Opportunities: M-F 7:45am – 8:15am

After school upon request.

Class Materials:

- Science Journal
- Pencil
- Student ID
- Binder
- Canvas
- Teams
- SSO
- Nearpod
- Flip grid
- Positive Attitude

Access to Canvas and Office365 tools is available to students through our [Single Sign-on Portal \(SSO\)](#). Students receive their SSO login during enrollment.

Course Description:

6th Grade PreAP Science curriculum studies the same topics as 6th grade on-level but with more depth and complexity. In 6th grade PreAP science there is a focus on students doing inquiry-based science by designing and conducting their own investigations, learning to use and develop critical thinking skills, and problem-solving methods. While much of the focus is on physical science, the course is built on the following strands: scientific investigations and reasoning; matter and energy; force, motion, and energy; earth and space; and organisms and environment.

Course Goals:

The course is intended to ground students in the inquiry skills of science and encourage thinking and acting like a scientist.

Student Evaluation:

The grading system for this course is as follows:

- Grade averaged 60% Major 40% Minor

- Major grades – tests (including District Common Assessments, six weeks assessments, projects, final essays, research papers, presentations); minimum three per six weeks
- Minor grades – quizzes, daily assignments, journals; minimum ten per six weeks
- Semester exams will count 1/7 of the semester grade
- A letter system (S, N, U) is used to report a student’s conduct based on proper/responsive conduct and citizenship
- Per Board Policy EIA (LOCAL), “The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments, quizzes, six-week test, and semester final examinations. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%.
- Official grades will be in Skyward only and can be accessed by student and parent through Family Access.

Assignments, exams, expectations outside of the classroom:

- Assignments not completed during class time are expected to be completed and brought to school to hand in at the beginning of class the next school day unless another due date is specified by the teacher.
- Students will be assigned projects that may require work to be done outside of class time and are major grades.
- Students will be provided with study guides for exams and are expected to study outside of the classroom.
- Class discussions are essential means to understanding the concepts taught, so students are expected to actively participate appropriately.

Attendance/Tardy Policy/Make-Up Work:

When a student is absent, he or she should request the missed assignments and check the make-up folder for the work. Students have one day for each day missed plus one additional day in which to complete all make-up work. If there are special circumstances, the student should visit with me to consider arranging an extension of the due date. Any assignments given before the absence are due upon the student's return to school.

If a pre-arranged absence is required, a parent should send a note to school prior to the absence. As much as possible, assignments may be given and completed ahead of time. Any assignments given before the absence are due upon the student's return to school.

Students who are absent on the day that a test is given should be prepared to take the test upon their return to school. Make-up tests may need to be completed before or after school.

Students are required to be in their assigned seats at the beginning of class as determined by the tardy bell. The Creekview Policy will be followed when a student is tardy to class.

- 1) Warning
- 2) Teacher Detention

- 3) Teacher Detention/Parent Phone Call
- 4) Office Referral

Each Tardy, thereafter, will be an additional office referral.

Classroom Expectations:

- Be on time, on task, and prepared to learn every day! (*Determination is the key.*)
- Respect the teacher, the classroom, other students, and yourself. (*Be the nice kid!*)
- Be responsible for your own learning. (*Work hard; then play hard!*)
- Clean up after yourself and your peers. (*Responsibility & kindness matter!*)
- Keep all personal electronics off and away. (*Unless we are using them for an assignment in class*)

Preliminary Schedule of Topics, Readings, and Assignments

- 1st 6 Weeks: Life Science
 - Interactions in an Environment
 - Prokaryotic and Eukaryotic Cells
 - Classifications of Organisms
- 2nd 6 Weeks: Physical Science
 - Potential and Kinetic Energy
 - Forces and Motion
 - Inclined Planes
- 3rd 6 Weeks: Earth Science
 - Layers of the Earth
 - Tectonic Plates
 - Classifying Rocks and Minerals
- Fall Semester Exams: January 11-15, 2021 (Semester Exams compose 1/7 of the Semester Average)
- 4th 6 Weeks: Chemistry
 - Elements and Compounds
 - Formation of New Substances
 - Metals, Nonmetals, and Metalloids
 - Chemical Reactions
 - Density
- 5th 6 Weeks: Chemistry
 - Thermal Energy
 - Energy Transformations
 - Energy Sources
- 6th 6 Weeks: Earth Science
 - Gravity
 - Celestial Bodies
 - Space Exploration
- Spring Semester Exams: May 25-28, 2021 (Semester Exams compose 1/7 of the Semester Average)

Academic Integrity:

Academic integrity values the work of individuals regardless if it is another student's work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty, includes cheating, copying the work of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.