

6th Grade GT Earth Science Syllabus & Grading Policies



Mrs. Cameron Room 331
Sky Ranch Middle School Magnet Science 2022-23
lcameron@washoeschools.net

The GT Magnet's approach to science curriculum is hands-on and inquiry based. During this year, students will cover grade content standards with a focus on the Next Generation Earth Science Standards. Particular emphasis will be placed on the development of research and literacy skills, critical thinking skills, teamwork skills, and various laboratory techniques.

The following outline is our best indication of the layout for the school year; however, it is flexible and open to some variance based upon individual and class needs.

Quarter 1: Nature of Science

- Nature of Science
- Scientific Method
- Measurement
- Data Interpretation
- Safety

Quarter 1&2: Earth History and Earth's Systems

- Rock Cycle – Igneous, Sedimentary, Metamorphic Rocks
- Minerals and Rocks
- Earth's Composition
- Plate Tectonics
- Earthquakes & Volcanoes
- Erosion and Deposition
- Geologic Processes & Fossils
- Mapping and Topography

Quarter 3: Weather and Climate

- Properties of Water
- Earth's Water and Currents
- Water Cycle
- Atmosphere
- Weather and Climate
- Weathering and Soil

Quarter 3: Human Impacts

- Mining
- Waste & Great Pacific Garbage Patch
- Global Warming & Greenhouse Effect
- Energy Resources (renewable/non)

Quarter 4: Earth's Place in the Universe

- Earth in Space
- Moon
- Sun
- Solar System
- Planets, Asteroids, Meteors, Comets
- Stars
- Galaxies
- Universe and Time

Class Materials:

Bring the following materials to class each day. Coming to class unprepared will negatively affect your ability to perform in class!

- Agenda Book, Graph paper composition book, pens/pencils, completed assignments

Throughout the school year we will use the website <http://www.ck12.org> for pre-reading assignments as well as to supplement content related materials for this course.

Grading Policies:

The grade book for science will be set up as follows:

Category	Details	% Overall Grade
Assessments/ Projects	Tests, Quizzes, and Summative Projects	60% with semester finals accounting for no more than 10% of the semester overall grade
Labs/Activities	Formative Labs and Class Activities	25%
Classwork/Homework	Readings and/or activities to help prepare for or review specific content	15%

Homework: Students should review content, work on study guides, prepare for upcoming classes, or finish work that was not finished during class time.

Test Corrections

After each test, students will be allowed to work on test corrections. The test corrections must be completed by the given deadline (Usually one week after exam). Students will be able to earn half points back.

Labs and Classwork:

Students may meet with the teacher after receiving graded work to discuss resubmissions.

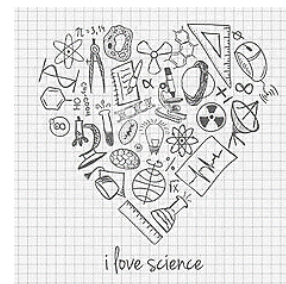
Resubmissions must be turned in within 3 school days.

Policies:

Policies regarding team rules, academic honesty, attendance, late work, student behavior and work ethic expectations will be addressed in the Clayton Magnet-AAP Student Contract.

Leaders of Tomorrow:

Since we are in Middle School, students are expected to be responsible for their own learning. If students have any questions/comments/concerns about their grade or learning, I would love if they were the ones that communicated to me and not their parents. This opens a good conversation and helps strengthen them to be the leaders of tomorrow. By the time they go to High School, the students should be successful for advocating for themselves.



I look forward to sharing my love of learning with you! Let's have a great year!

-Leona Cameron