6th Grade GT Earth Science Syllabus & Grading Policies

Ms. Wilbrecht

GT Science 2019-2020

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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 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.

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| **Quarter 1: Earth and Human Activity*** Nature of Science, Measurement, and Safety (continues throughout course)
* Intro to Earth Science
* Properties of Water
* Earth’s Water and Currents
* Water Cycle
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| **Quarter 2-3: Earth’s Systems*** Mining
* Rock Cycle
* Global Warming
* Minerals and Rocks
* Earth’s Composition
* Plate Tectonics
* Earthquakes
* Volcanoes
* Erosion and Deposition
* Energy Resources (renewable/non)
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| **Quarter 3-4: Earth’s History and Place in the Universe*** Atmosphere
* Weather and Climate
* Matter and Energy in the Environment
* Weathering and Soil
* Energy Resources (renewable/non)
* Geologic Processes
* Fossils
* Mapping and Topography
* Earth in Space
* Moon
* Sun
* Solar System
* Planets, Asteroids, Meteors, Comets
* Stars
* Galaxies
* Universe and Time
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**Class Materials:**

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

* Binder, agenda book, composition, pens/pencils

Throughout the school year we will use the website [**http://www.ck12.org**](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 |
| **Classwork** | Formative Labs andClass Activities | 30% |
| **Homework** | Readings and/or activities to help prepare for or review specific content | 10% |

**\*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. Students will need to schedule these test corrections with me and come in on their own time (lunch/after school). The test corrections must be completed by the given deadline. 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.**

**Late Work:**

 Late work will be accepted at 80% of earned credit until two weeks prior to the end of the quarter. Late work will be graded and entered after work that has been turned in on time.

**Policies:**

Policies regarding team rules, academic honesty, attendance, student behavior and work ethic expectations will be addressed in Swope planner

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