HIGHTOWER TRAIL MIDDLE SCHOOL

Mr. Adam Wiese

Sixth Grade Science

**Syllabus for 2017-2018**

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**INSTRUCTIONAL EMPHASIS:**

**Students will apply knowledge of subject area content through formative and summative performance tasks that require higher order thinking. 6th grade has a STEM focus of “Adapt and Survive” throughout our studies.**

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| **TOPIC** | **CONCEPTS** | **ASSESSMENT** | **DURATION** |
| Standard Practices | Lab Protocol and Scientific Method | Homework, Classwork/Notebook, Investigations, Tests/Projects | ongoing |
| Geology | Rocks, Minerals, and Fossils | Homework, Classwork/Notebook, Investigations, Tests/Projects | 6 weeks |
| Geology | Weathering/Erosion/Deposition, Soil, Human Factors | Homework, Classwork/Notebook, Investigations, Tests/Projects | 4 weeks |
| Geology | Earth’s Crust, Mantle, and Core, Plate Tectonics | Homework, Classwork/Notebook, Investigations, Tests/Projects | 6 weeks |
| Water on the Earth | Earth’s Water, Water Cycle, Subsurface Topography | Homework, Classwork/Notebook, Investigations, Tests/Projects | 2.5 weeks |
| Ocean Motion | Waves, Tides, Currents | Homework, Classwork/Notebook, Investigations, Tests/Projects | 1.5 weeks |
| Climate and Weather | Causes and Effects of Weather | Homework, Classwork/Notebook, Investigations, Tests/Projects | 5 weeks |
| Earth-Moon-Sun System | Motion, Relative Positions, Tides | Homework, Classwork/Notebook, Investigations, Tests/Projects | 3 weeks |
| Universe and Solar System | History, Planets, Comets, Asteroids, Meteors | Homework, Classwork/Notebook, Investigations, Tests/Projects | 3 weeks |
| Preview 7th Grade Science Content | Biomes, Absolute Dating | Homework, Classwork/Notebook, Labs, Tests/Projects | 4 weeks |

**Grade Distribution & Assessment:**

|  |  |
| --- | --- |
| **SOURCE:** | **PERCENTAGE** |
| Summative – TESTS  Summative – QUIZZES  Summative – INVESTIGATIONS  Formative – CLASSWORK/IAN  Formative – HOMEWORK | 30%  20%  20%  25%  5% |

* **Cumulative Midterm will be administered at end of 2nd 9 weeks Equal to one test grade**
* **Cumulative Final will be administered near/before SLO Equal to one test grade**

* **Students scoring below 70% on unit tests will be given remediation and the opportunity to reassess during study help sessions.  If a student does not complete the remediation work assigned on time, or take the reassessment on the assigned date, reassessment is not an option.  Grade recovery does not apply to PBLs, midterm exams, final exams, or End of Grade assessments.**

**TEXTBOOK(S)/MATERIALS: Replacement Cost:**

Text: Holt Science & Technology: Georgia, Earth Science $70.75

**Student online version** [**http://my.hrw.com**](http://my.hrw.com)

EduSmart: <http://lms.edusmart.com> n/a

**HOMEWORK POLICY:** Homework turned in **ON TIME** will be graded. Late homework will receive half credit. If a student fails to produce the homework one day late, the assignment will then be recorded in the gradebook as a **ZERO**.

**Late assignments, other than homework, will be penalized 10 points per day**.

**MAKE-UP POLICY:**

It is the responsibility of the student to make up any work missed due to absence**. If absent, days given for make-up work must equal the number of days absent from class.**  Missed assignments can be obtained from the teacher weblog.

**STUDENT SIGNATURE PARENT SIGNATURE DATE**

**“Winning Teachers, Teaching Winners: Together, Even Better”**

**PLEASE NOTE:**

This syllabus is subject to change to meet the needs of students. Any changes that become necessary will be announced to students as far ahead as possible.