

6th Grade Science Syllabus

Welcome to 6th Grade science. Below are a few bits of information that may be helpful in understanding what's happening in science this year.

Materials:

Students will need a 3-ring binder. In addition, they should always come to class with a pencil. Material necessary for projects, if any, will be told to the students at the time of the project.

Science Units

The main topics in 6th grade science are: **1) Ecosystems:** a. *Producers, Consumers, and Decomposers*, b. *Interaction of Organisms*, c. *Relationships of Organisms*, d. *Biotic and Abiotic Factors*, e. *Environmental Impact of Organisms*. **2) Earth Science: A. Composition, Properties, and Changes of the Earth** a. *Rock Formation*, b. *Soil*, c. *Magnetic Field of Earth*. **B. Plate Tectonics and Fossils** a. *Plate Tectonics*, b. *Fossils*, c. *Geologic Time*. **3) Physical Science:** a. *Kinetic and Potential Energy*, b. *Energy Transfer*, c. *Changes in State of Matter*.

Assignments:

Students are expected to complete all assigned work and turn in homework on time. Work completed is evidence of a Good Faith Effort (see Student Handbook in student planner). Although most homework and in-class participation activities will be collected, reviewed, and given feedback by the teacher, the student will not receive a grade for these items. Homework is intended to provide practice and is preparation for a final assessment. If you have any questions regarding this, please see the language arts grading letter, as science will follow the same grading procedures.

Projects/Reports

There are a couple of projects, individual and group, that will be assigned during the school year. These need to be completed on time as the other students will hear the presentations and will need the information presented to help prepare for tests.

Tests

There is a test at the end of each unit. Tests may be standardized in nature or project-based. If a student does not pass an assessment (receives below a 70%), they may have the opportunity to retest IF they show evidence of a Good Faith Effort (see Student Handbook in student planner). The teacher will determine what the student needs to complete to show Good Faith Effort in order to retest. Final assessments will count for 100% of the student's overall grade. If you have any questions regarding this, please see the language arts grading letter, as science will follow the same grading procedures.

Parents are encouraged to check grades online, and to email the child's teacher with any concerns.

Thank you for your time.

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I have read the **6th Grade Science Syllabus** and understand what is expected of myself and/or my child.

Student Signature - _____ Date - _____

Parent Signature - _____ Date - _____