

Miss Kirkham
Earth Science Syllabus
Grade 6

Contact Information

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Course Description

This course introduces students to Earth Science and its many branches such as Geology, Oceanography, Meteorology, Ecology, and Astronomy. Students will explore each branch of Earth Science and apply their learning in an individual setting as well as a group setting. Material is reinforced through class discussions and projects.

Requirements: *Earth Science*, Holt, Rinehart, Winston, Inc., notebook, pens, pencils, and art supplies.

Benchmarks and Goals

Students will learn the many branches of Earth Science.

Students will learn to apply the scientific method.

Students will learn to determine appropriate units of measurement.

Students will be able to classify minerals through their understanding of the rock cycle.

Students will acquire knowledge of natural resources and alternative resources and compare and contrast their advantages and disadvantages.

Students will determine where earthquakes come from and what causes them.

Students will be able to explain the difference between temperature, thermal energy, and heat.

Students will be able to illustrate the water cycle and explain how water moves through the cycle.

Students will be able to explain how populations, communities, ecosystems, and the biosphere are related.

Students will be able to explain how currents affect climate.

Students will classify the different types of tides and explain their relationship to the Earth, sun, and the moon.

Students will describe the layers of the atmosphere and discuss its composition.

Students will describe and explain the formation of severe weather such as tornados and hurricanes.

Students will be able to explain the greenhouse effect and its role in global warming.

