

Earth/Space Science - Year at a Glance

Course # 2001310

A Note to Parents: State standards require your child's science teacher to plan lessons that build knowledge of various scientific concepts, develop the ability to apply these concepts, and engage students in critical thinking. To achieve these goals, students will take part in a range of activities including reading, discussions, writing, lab activities and projects, and more. Safety is paramount in science labs and your child's teacher will ensure a safe learning environment.

What is the purpose of this course?

- This course studies the processes that shape our Earth's surface and the universe and components that make it up.

What will students be learning in this course?

	Topics
Quarter 1	<ul style="list-style-type: none">• Lab Safety and The Nature of Science• Electromagnetic Spectrum• Big Bang Theory• Gravity and Nebular Theory
Quarter 2	<ul style="list-style-type: none">• Stars/Properties of the Sun• Kepler's Laws'• The Moon• Planets
Quarter 3	<ul style="list-style-type: none">• Interactions in the Geosphere, Hydrosphere and Biosphere
Quarter 4	<ul style="list-style-type: none">• Climate and Weather (Atmosphere)• Weathering and Erosion• Climate Change and Human Impact

Possible Support Resources

Tyler DeWitt videos: <https://www.youtube.com/channel/UCj3EXpr5v35g3peVWnVLoew>

Student tutorials: <https://www.floridastudents.org/#29|0|0|0>

Bozeman Science videos: <http://www.bozemanscience.com/>

Schoology: the teacher's site will have assignment information.

Courses are designed so that all standards will be learned by the end of the course. This guide represents a recommended timeline and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will be addressed in a specific course are best answered by the individual teacher.