

Honors: Earth Science

Earth Science is a robust course that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Students are encouraged to look at Earth science from both personal and worldly perspectives and to analyze the social implications of the topics covered. Laboratory experiments introduce students to different lab techniques while building their skills in critical thinking, inquiry, and observation. Topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.