

Honors Earth Science I

This inquiry-based laboratory course is for students who want to learn Earth Science at an accelerated pace leaving time to conduct more laboratory investigations and research-based projects. It is designed to prepare students for AP Environmental Science or a first-year college course in Earth Science. Topics are studied through a systems-based approach and include astronomy, meteorology, geology, oceanography and environmental science. This curriculum aligns with the Virginia Earth Science Standards of Learning with a focus on observing, experimenting and modeling with practical applications. Students also investigate the dynamic relationship of science, technology and society by examining historical perspectives and current news topics such as climate change, conservation, the Space Age, and the use of GPS. Students are required to develop research projects using Intel ISEF guidelines for entry into the city science fair competition.

School Level: High School

Grade: 10, 11, 12

Program: Science Core Courses