

ESLRs: Earth Science will specifically address the following ESLRs.

- **A Holy Names High School Graduate is Intellectually Competent.**
 - **She is a flexible thinker.** Earth Science students will learn to become comfortable thinking in domains both large and small. Students will learn to relate human-scale phenomena to earth-scale phenomena, and switch between the two when analyzing earth problems.
 - **She writes competently.** Earth Science students will practice writing well-crafted reports that both analyze problems and synthesize solutions. Emphasis will be placed on observation, data analysis, and concept formulation.
 - **She articulates her knowledge of Earth with competence and thoroughness.** Earth Science students will practice this skill via analytical and graphical problem solving, as well as by writing short explanatory essays about Earth phenomena.

- **A Holy Names High School Graduate is Committed to Personal Growth.**
 - **She collaborates with others and works cooperatively to achieve her goals.** Earth Science students will work in small cooperative groups throughout the school year. These groups will provide each student the opportunity to learn leadership and interdependency by both helping others and accepting help in problem solving and analysis, as well as in lab and other activities.

- **A Holy Names High School Graduate is Artistically Enriched.**
 - **She expresses earth science concepts through visual representations, both two and three-dimensional.** Earth Science students will work with new concepts by creating diagrams, pictures, and objects that both explain unfamiliar earth-scale phenomena as well as relate them to the more familiar human-scale world.