

A. Statement Describing Project.

I would like to take my AP Environmental Science students to a local limestone quarry to investigate the materials produced, but to also explore economic and environmental impacts of mining aggregates.

B. Objectives/Goals of Project.

As a result of visiting a local limestone quarry, students should be able to:

- Recognize basic stratigraphy in the local geology*
- Explain how limestone and other aggregates are used*
- Identify positive and negative effects on the environment, economy, and society*

C. Implementation Statement.

One of the major foci in AP Environmental Science is human impact on the environment, and sustainability. By presenting students with various sources information and viewpoints, I hope to provide my students with a deeper understanding of different effects human activity (in this case, mining) have on our society and our environment.

D. Evaluation Component.

Students will be required to write a persuasive paper about the impact local quarries has on the local environment, their personal lives, the economy, sustainability, etc. Students will be graded based on their ability to use scientific data and information to support their arguments. A rubric will be provided to students prior to writing the paper.