

Title



Name Penny Worthington

Teaching content area(s) Earth and Space Science,
Biology, Chemistry and Environmental Science
School

Extern host site Whiterock Conservancy

Part I: Overview of Business

- Whiterock Conservancy is a 5,500 acre non-profit land trust that balances sustainable agriculture, natural resource protection and public recreation on the landscape. Located near Coon Rapids, Iowa, along seven miles of the Middle Raccoon River valley.

Part II: Job Specifics

- The conservancy has unique geologic features that have been described by a geologist from the University of Northern Iowa and a trail guide written by Rich Heathcote at Drake University. The conservancy wanted to make the trail guide more accessible to the public and add information and interest to the website making both available the visiting public

Part III: Introduce the Problem

- Taking geologic information from the report and locating the geologic features along the trails and completing a visual guide for hikers, bikers and equestrians.

Part IV: Background

- Students need to know about geologic time, what various landforms look like, Glaciers and rock types.
- In addition to writing the trail guide into a more understandable and logical format.
- The trail guide would be included as a link on the website in audio and written formats.

Part V: Business Solution

- Assigned me to take the information and put it into an audio script, a newsletter and a brochure for the geologic information

Part VI: Student Solutions

- Students may put the visuals into a poster, the script for the trail guide or a collage for the brochure.