KARST TOPOGRAPHY

EMPACTS Community Project

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Environmental Geology

Instructor: Mr. Paul Lowery
Our EMPACT project was to create an easy to use web-resource that would help educate both the young and old alike on the nature of the environment many take for granted. Specifically that of Northwest Arkansas and its outlying regions.
Community:

- Informed viewers about the area, and the nature of the environment in the Ozarks and throughout North West Arkansas.
- Promoted local businesses by providing information on exciting places and hobbies that are available in the area.
- Raised awareness of the local pitfalls of buying property or building in the Ozarks.
Project Objectives:

- The course objective was to provide a product that helped the community.

- Our plan was to create a resource that the young and old alike could use as a guide to become more informed of the beautiful pitfalls of our environment.
Curriculum:

- To learn the effects of geology on human populations: The positive and negative effects of living in karst terrains.

- To understand the chemical and physical aspects of weathering and erosion in karst terrains.

- To identify physical features specific to karst topography.
Technology:

- Camera’s: Canon PowerShot, Rebel 2000, and an older FTB if needed.
- The Wide-Wide World of Web.
- Microsoft PowerPoint and Front Page.
- GPS Magellan Explorist 210
- Our phones.
Skills Developed:

- Teamwork skills
- Personal responsibility skills
- Adaptive skills
- Communication skills
- Power Point and website development skills
- Organizational skills
Methodology:

- First, it was agreed that each member of the group would be responsible for different areas of interest.
  - Kory - Would cover the positives of karst topography in the environment.
  - Tyler - Would cover the negatives of karst topography in the environment.
  - Taylor - Would be responsible for the creation of the website itself.
  - Jomar - ?
Outcome:
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- Produced an informational Power Point to help people of all ages understand about karst topography.

- Created was a fraction of a website that overviewed the positive effects of karst topography in the environment, and a resource page.

- Began a project that could be expanded upon or completed by future EMPACTS students.
References:

- http://www.watersheds.org
- http://www.naturalheritage.com
- http://www.nps.gov
- http://www.geotimes.org/may01/feature2.html