

Geology of Iowa for Teachers

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Program Project Development

A: Description: Develop a brief history of the formation and deposition of commercial aggregates, sand, gravel and stone, in Iowa as well as their economic uses.

B: Objectives/ Goals: Help myself, my customers and various tour and school groups understand the history of our aggregate deposits as well as their economic use.

C: Implementation: While each tour or classroom session is individually developed to suite the needs and requirements of the group, each will include specific information concerning the timeframe of the development or deposition of the subject aggregate, the physical makeup of the aggregate, what was transpiring during the "birth" of the aggregate and how we extract and utilize the aggregate in today's world.

D: Evaluation: In a school setting, each class is given an easy assignment to research and explain one or two of the terms or processes discussed in the session this is done by either e-mail or other appropriate methods as determined by the teacher. These have proven useful in the development of subsequent sessions with other groups.

I don't give tests to my customers but I do use the feedback from the questions asked by the other groups to evaluate their understand and modify future presentations.

E: Collections: This week I have been able to add significant items to my already "too heavy to carry in one trip" collection that I take to any session. I plan on visiting sites in areas neighboring any presentation I may make to obtain local materials that add a touch of home to the presentation and to show those in attendance that these materials are in not only their world but their neighborhood as well.