

Geology of Iowa 2009

Attended by Jeri L. Wiese

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Jeri L. Wiese

A:

My project will include several small increments in the areas we have covered this week, including adding to present curriculum in groundwater, natural selection, IOWA JFR and meteors. Students will increase hands on and vocabulary usage.

B:

My goals: Assisting my students in their image of Iowa, as an area of the world where things Do happen, and Did happen. To increase vocabulary usage and application, and encourage pride in learning about Iowa.

C:

*I am planning to use the following: 1) Incorporate the fossils in a map project to reinforce that things do happen, and did happen, in Iowa, linking Darwin's Natural Selection, uniformitarianism, stratigraphy, location vs. 'age', etc. 2) **IOWA TER** in biology will include the what, where, why, how, of larvae and macroscopic life, the effect of rain on the chemistry of the creek, comparing river to stream, rural to urban stream. 3) The groundwater display will be including problems of flow rate, contamination and time. 4) 'Aliens' landing in Iowa at the Manson Impact site will include comets/meteorites and if they think 'we' helped kill the dinosaurs.*

D:

A pretest and Post-test on vocabulary, and a set of questions for short essay in each topic. As 9th graders, they are just building these skills and usually work with pairs or teams to increase the vocabulary and content. I will also offer the option of looking further into the groundwater with math problems involving contaminate spread, flow rate and clean up.