

6<sup>th</sup> grade Teacher Workshop  
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(1) Scientific Method:

i also have a suggestion for introducing concepts of scientific inquiry/method, facts, hypotheses, etc., which i used last Fall and really liked. all that's required is a picture of the Grand Canyon. students get in small groups and write down 5 observations they can make from the picture, and then 5 hypotheses to go along with the observations, about how the Grand Canyon may have formed. i then had each group put their favorite pair on the board and discussed all of them. i think we followed this by my mentioning how old the oldest rocks are in the GC, and confirming that it was carved by water (a lot of groups had this already). anyway, i thought i'd just mention it as a simple option for starting the concept discussion.

(i got the idea from this website, which is aimed at Community College level, but has a lot of apt material for anyone who is being introduced to Earth Science:  
<http://serc.carleton.edu/introgeo/firstday/activities/21679.html>)

(2) Plate Tectonics:

i'll bring the plate tectonics 'workshop' i put together for the Girls Science Day at PCC (which took 45 minutes, but we can talk through it fairly quickly, if people are interested). i think it went well, and it's an alternative/simple way to ask questions and do a little hand-on stuff with plate tectonics. (Laurie, can you bring the poster i used to do this?)

(3) Seismology:

i'd be happy to give the teachers a tour (tailored to whatever they're most interested in) of the Seismolab in the afternoon, if they'd like. i'd like to at least mention that having their classes visit for a tour/field trip during the school year is a great resource. if i remember, i'll even bring some of Margaret Vinci's business cards (she arranges the tours). and hopefully there will be a slinky in the room...