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Philosophy of Teaching Science

Teaching children science is more than providing information through a lecture or reading and expecting them to retain the concepts. My main goal to help students appreciate science by teaching them about the world in which they live. In order to do that, I need to make it as exciting and relatable as possible. I believe that if the teacher is excited then the students will most likely be excited also.

Science can be tied into so many other subjects like literature, math, or history. A literature unit about *Charlotte's Web* could go into the biology of all the animals. When studying the Black Plague, the students could learn all about the illness itself. Making connections from one subject to another is so critical when trying to get students to remember information. This caters to

I not only hope to tie science into all my other subjects but I hope to have a curriculum that is as beneficial for the students as possible. I believe hands-on is the best way to get the students to retain the information. If I'm teaching about the solar system, I want them to see stars and know what they are made of. Maybe this could lead to a camping trip to where they can really see stars. If I'm teaching about how eggs become chicks then I want to hatch our own eggs and see them hatch. I think they will get the most out of my lessons as long as I have some sort of activity to go along.

I hope to have a classroom set up for science activities and experiments. Having a big table available would be perfect for showing them artifacts or how to build a volcano. The table could serve as a community working space for whatever project we are working on. I also hope to have big windows in the classroom and hopefully outside those windows will be trees and the students can learn about the trees that they see everyday. As long as my classroom caters to what works best with my students, then I will be happy.

I not only want to teach what my school requires me to teach but I want to teach them what they want to learn. If a student comes to me asking me why we have to drink water, then I would go into a lesson on exactly that. If the student has an interest then I want to feed that interest. Feeding their interests is what makes students enjoy learning.