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Topic: Identifying appropriate biological traits suitable for the environment

Proposal:

I will create a web site that will help students better understand biomes by exposing them to visual images, sounds and information. The students will learn what is needed to survive in that environment through interactive media and then be asked to apply their knowledge through an online quiz using images and interaction

Reasons:

In this new age of information, students have access to knowledge, but not much experience with application. Students need to be able to take presented information and use it to answer questions they may face. Emphasis should not be placed on memorization of the names of biomes, but on a general understanding of what conditions are like in the area. Students must also be responsible for applying their knowledge and for mastering the material. This site I will create will do that.

Materials:

This project will be created online (with off-line copies available) and an interactive unit and quiz. HTML will be used extensively with JavaScript and possibly Flash involved. No paper will be needed for this project.

Timeline:

An overall outline of the digital "trip" should be created, and a plan for what will be tested at the end as soon as possible. The project will be created according to the timelines set in class for this project.

Conclusion:

Because I believe an understanding of the world and nature is important to today's youth, I am looking forward to creating this project. I know that by doing so on computer I add an extra layer of challenge, but look forward to a lesson I will actually use when I return to the classroom. I look forward to gathering materials (pictures and sounds) of the biomes and their inhabitants and making it onto a cohesive lesson