Vision of Student:

Students will be able to understand that the idea of a biome is based on complex interactions of several key components. This rationale stems from the fact that I want students to understand that the relationships that exist in the natural world are complex and their actions can have affects, both positive and negative on the natural process.

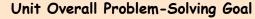
Student Background Knowledge:

- Familiar with the terrestrial biomes that exist on Earth.
- Comprehension of the difference between biotic/abiotic
- Strong background into the "types" of animals that exist in each biome.

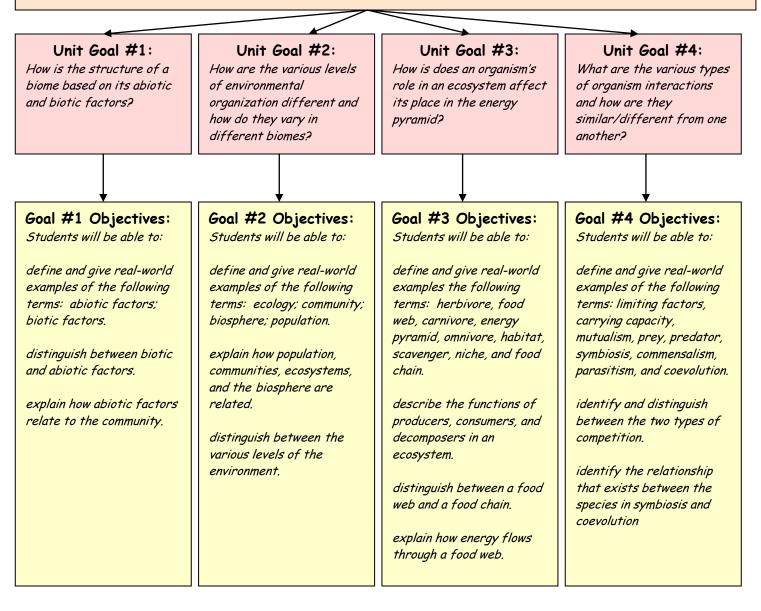
Unit AIM

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Students will demonstrate an understanding of the characteristics and structures of the environment and how living things interact with one another and their environment. Students understanding will include their role in this process and how their decision can affect the delicate balance of nature.



You are an ecologist working for the United Nations. A large corporation is offering a 2 million dollar grant to establish a conservancy in a biome. Your job is research "your" biome and address the various components of the presentation rubric (see Biome Investigation Grading Rubric). You will develop a PowerPoint/Poster displaying the various key components your biome. The corporation will be selecting where they will establish the conservancy based on which presentation is the most effective. GOOD LUCK



Goal 1 & 2 Learning Experiences & Assessment Activities:

Learning Experience:

Advanced Organizers; Pre/Post Knowledge Test; Small Group Discussions; Large Group Discussions Concept Attainment; Deductive Thinking; Synergy

Assessment Activities:

Modified KWL Form - Factors & Organization Knowledge Application Activity - Factors & Organization

Goal 3 & 4 Learning Experiences & Assessment Activities:

Learning Experience:

Advanced Organizers; Pre/Post Knowledge Test; Small Group Discussions; Large Group Discussions Concept Attainment; Deductive Thinking

Assessment Activities: Modified KWL Form - Energy & Organisms Knowledge Application Activity - Energy & Organisms

Cumulative Performance Assessment Activities:

Learning Experience used: Webquest; Inquiry Projects; Small Group Discussion; Concept Attainment; Inquiry Activities

Assessment Activities: Biomes Webquest Biomes Group Investigation Project

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