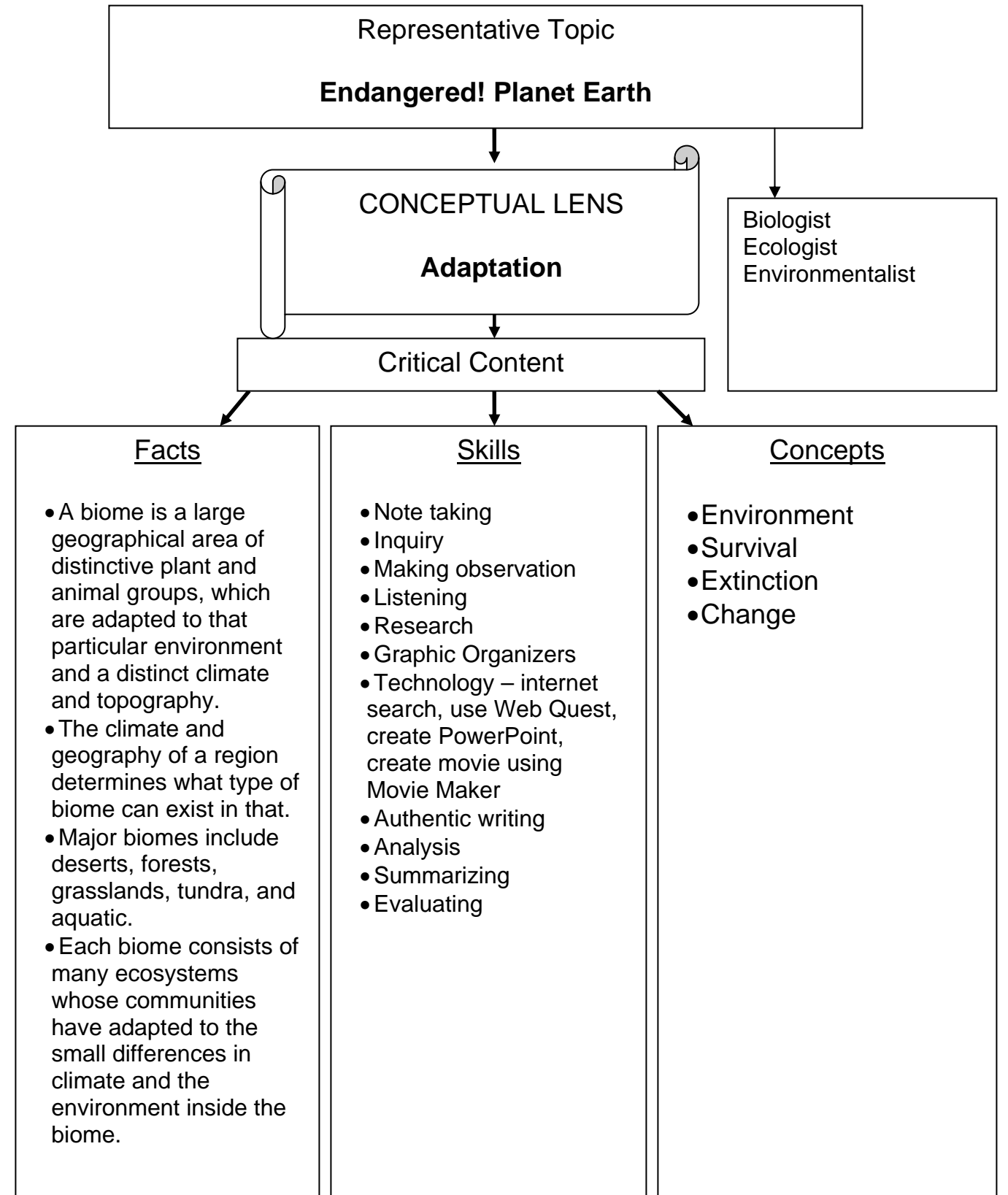


### Concept-Based Curriculum Flowchart



### Essential Understandings/Generalizations

- The living organisms of a biome must learn to adapt and change to the environment in order to survive.
- If adaptation does not come about, extinction may occur.
- Environmental changes may be caused by human's actions.
- The survival and well being of a biome and its organisms depends on ecological relationships throughout the world.

### Essential Questions

- What is necessary to occur to assure survival if there are changes in the environment?
- What may occur if adaptation does not take place?
- How do human beings effect changes in the environment that might bring about extinction?
- How can changes in distant parts of the world and its atmosphere affect our environment and us?
- How are biomes changing because of human behavior?
- What kind of adaptations have some organisms made in order to "deal" with the environmental factors they face?

### Culminating Performance Task

Scenario: You will be working with a team of scientist from the Animal Planet network. Your group of scientist has been assigned to investigate a type of species (mammals, birds, reptiles, amphibians, fish, and invertebrates) that are endangered. Your job is to find out as much as you can about one particular animal from your type of species, make a digital story, and present your findings and story to Jeff Corwin. If your group is picked, you will assist Jeff in a presentation to President Bush making recommendations to protect your imperiled animal under the Endangered Species Act.

### Instructional Activities

Research from trade books, textbooks, encyclopedia, internet  
Videos from United Streaming/Discovery Science Connection  
Field trip or on site visitor from BSC Environmental Department  
Teacher created Web Quest  
Power Point instruction (including saving images and sources)  
Photo Story 3 instruction (including storyboarding)