

## 3rd Grade Life Science-Biomes

### Technology Integration Unit/Lesson Plan Template (modified from MTS Lesson Plan Template)

Lesson title: Habitat/Biomes Group Project

Name: Wendy Diaz

Subject area: Science

Grade level: 3rd grade

Time frame:

### Brief lesson/unit Summary/Description

Groups will take what they learned in class through GLAD lessons along with research on the internet to create a Keynote presentation with a small group (3-4 students). Each group will be responsible for including the following information about their habitat: animals, plants, environment (soil, rocks...), and climate.

(Option) Students will create a tri-fold to display the information contained in Keynote Presentation

### State Content Standard/Benchmark addressed <http://www.cde.ca.gov/be/st/ss/index.asp> Life Science

- Students know plants and animals have structures that serve different functions in growth, survival, and reproduction.
- Students know examples of diverse life forms in different environments, such as oceans, deserts, tundra, forests, grasslands, and wetlands.
- Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial.

### Educational Technology Standard/Benchmark addressed <http://www.iste.org/standards.aspx>

- 1. Creativity and Innovation
  - b. create original works as a means of personal or group expression.
- 2. Communication and Collaboration
  - a. interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.
- 3. Research and Information Fluency
  - Students apply digital tools to gather, evaluate, and use information.  
Students:
  - b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.

### Integration into NLMUSD Curriculum Maps (If applicable in Language arts or Math)

Students will research and describe the diverse life forms in different environments, including animals, plants and climate.

### Students will understand (lesson/unit objectives):

- Students will understand that all living things change and adapt according to their environments.
- Every biome has special conditions for survival, the plants and animals will have adaptations to meet the needs of their biome

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#### Essential Questions to guide this unit/lesson and focus teaching and learning:

- What are the essential things every animal needs to survive?
- How do changes in body or behavior help an animal meet its needs?
- How are the all things in a biome connected?

#### Technology & Web 2.0 resources needed (hardware and software, websites)

Keynote or Power Point (Presentation)

Pages or Word (Tri-fold)

<http://kids.nceas.ucsb.edu/biomes/index.html>

<http://www.kidsgeo.com/geography-for-kids/0165-biomes.php>

<http://www.enchantedlearning.com/biomes/>

<http://www.kidskonnct.com/subject-index/15-science/62-biomes.html>

#### Procedure (learning activities)/ lessons of unit

Students will create a keynote presentation using information they researched on the biome of their choice.

#### Assessment Method

Unit test, unit project and presentation, independent student work

**Notes: (this area may list accommodations, differentiation, as well as other key information that may not fit into the categories above)**