

Biosphere/Biome 2013

The earth is a closed biosphere consisting of a wide variety of diverse biomes. The web of life is fragile; without balance, organisms have trouble surviving.

Study the closed biospheres at Star Lane that have supported guppy-life for the past two years. Write a brief report explaining how the bio/chemical cycles have kept these guppies alive. Create a guppy biosphere.

Next, investigate one of the three primary biomes of Natrona County: forest, sage and riparian. Using fieldwork and geospatial analysis, share with an informed audience the cooperation and competition that exist among organisms within your biome. Present Thursday, Sept. 19.

The Climbing Wave by Marion Zimmer Bradley

In this story, whose view of the future of the earth is most likely to endure and why?
{reading BOE – narrative plot}

Science:

Geo-chemical cycles
Energy thru systems
Interdependence of organisms

Photosynthesis/Respiration
Nitrogen Cycle
Water Cycle

Tech:

Documentation
Presentation style
Graphical representation

Camera
Slides
Computer Basics

Social Studies:

Public policy & Science

Carbon Cycle & Climate Change

Language Arts:

Reading
Writing ~ formal, point of views
Speaking ~ presentation

Climbing Wave
Portfolio Writing
Formal Speaking