



North Kingstown High School Anchor Assignment Assessment Plan

Science Department

Biology- Semester 2

“Facebook Animal Project”

What are students asked to do/create/write/present to complete this assignment?

Organism Facebook Project

Now that you have studied many aspects of ecosystems, you will demonstrate your understanding by designing a Facebook webpage for an organism in its ecosystem! You can do it either 1) electronically, on the Facebook template, or 2) as a poster.

Objectives:

The student will:

- a. Conduct research on an organism (plant or animal) from anywhere on Earth.
- b. Become an expert on the organism!
- c. Design a Facebook page relating the organism to these factors.
- d. Include a works cited and correctly make references to all resources used: pictures, ideas, and quotes.

GSE(s) Covered by this Assignment:

LS2-3b: Describing ways in which humans can modify ecosystems and describe and predict the potential impact

LS2-4a: Diagramming the energy flow in an ecosystem that compares the energy at different trophic levels.

LS3-8d: Using data or models to analyze how organisms are organized into a hierarchy of groups and subgroups based on evolutionary relationships

LS4-9b: Providing an explanation of how the human species impacts the environment and other organisms

NKHS Expectation(s) for Student Learning Covered by this Assignment:

Visual Communication: Expectation 5

Problem Solving

Depth of Knowledge (Check one)

_____ **Level 1-** Recall of Information - requires the student to write or recite simple facts. Does not include complex synthesis or analysis, but basic ideas. Level 1 requires students to demonstrate a rote response, perform a well-known algorithm, follow a set procedure (like a recipe), or perform a clearly defined series of steps.

_____ **Level 2-** Basic Reasoning- requires some mental processing, connecting ideas using a simple organizational structure. At this level, students are engaged in first draft writing for a limited number of purposes and audiences;

Keywords that generally distinguish a Level 2 item include “classify,” “organize,” “estimate,” “make observations,” “collect and display data,” and “compare data.” These actions imply more than one step.

 X **Level 3-** Complex Reasoning- requires some higher level mental processing. Students are developing multi-paragraph compositions that may include complex sentence structures or demonstrate some synthesis and analysis. The cognitive demands at Level 3 are complex and abstract. The complexity does not result from the fact that there are multiple answers, a possibility for both Levels 1 and 2, but because the task requires more demanding reasoning.

 Level 4- Extended Reasoning- Higher-level thinking is central to this level. Multi-paragraph compositions demonstrate synthesis and analysis of complex idea or themes and evidence of a deep awareness of purpose and audience. Level 4 activities include designing and conducting experiments; making connections between a finding and related concepts and phenomena; combining and synthesizing ideas into new concepts; and critiquing experimental designs.

Is proficient completion of this assignment required for the e-Portfolio? Yes X No

How will this anchor assignment be graded and weighed in the overall grading?

1 Test Grade

Outline the opportunities for students to revise their work.

Opportunities to revise work after turning in assignment will be per NKHS required anchor assignment guidelines.