BEAVER AS ENGINEERS

STANDARDS OVERVIEW

SCIENCE (NGSS)

- 3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
- 5-LS2-1 Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

MATH

- 5.W.3 Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
  a. Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.
  b. Use narrative techniques, such as dialogue, description, and pacing, to develop experiences and events or show the responses of characters to situations.
  c. Use a variety of transitional words, phrases, and clauses to manage the sequence of events.
  d. Use concrete words and phrases and sensory details to convey experiences and events precisely.
  e. Provide a conclusion that follows from the narrated experiences or events.

ELA

- CCSS: 5.G.1 Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond.

ART

- VA.5.PR2.5 Identify and explain how and where different cultures record and illustrate stories and history of life through art.
- VA.7.RE1.5 Identify and analyze cultural associations suggested by visual imagery.

SOCIAL SCIENCE

- Multicultural Studies (Geography) 5.10 Compare and contrast movement of people, goods, ideas, and cultural patterns in the United States, considering past, present and future trends.

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