

RIVER EXPLORATION PROGRAM

7th Grade Standards

Lesson **ALWAYS** Covers the following standards:

Social Studies:

- 7.C.CP.1 Compare political institutions and their impacts on people in empires between 600-1600.
- 7.C.RR.1 Compare rights, roles, responsibilities and limitations of subjects in empires between 600- 1600 with those of citizens in modern countries.
- 7.E.MA.1 Compare the economic development of traditional and market economies
- 7.G.HI.1 Distinguish how cooperation and conflict within and among the societies and empires of Afro-Eurasia and the Americas between 600-1600 influenced the division and control of land and resources.
- 7.G.HI.2 Examine ways in which one culture can both positively and negatively influence another through cultural diffusion, trade relationships, expansion and exploration.
- 7.G.HE.1 Examine how physical geography influenced the societies and empires of Afro-Eurasia and the Americas between 600-1600.
- 7.G.GR.2 Use maps and other geographic representations, geospatial technologies, and spatial thinking to interpret the relationships between humans and their environment.
- 7.H.CH.1 Indicate changes resulting from increased interactions and connections between Afro-Eurasia and the Americas between 1450-1600.
- 7.H.CE.2 Evaluate the political, geographic, economic and social impact of the expansion of empires between 600-1600.
- 7.H.CO.2 Evaluate various motives for expansion among multiple empires between 600-1600.

Standards Covered by **Expedition Activity**:

Math:

- KY.7.SP.5 Describe the probability of a chance event is a number between 0 and 1, which tells how likely the event is, from impossible (0) to certain (1). A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely and a probability near 1 indicates a likely event.
- KY.7.SP.6 Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency and predict the approximate relative frequency given the probability.
- KY.7.SP.7 Develop a probability model and use it to find probabilities of events. Compare probabilities from a model to observed frequencies; if the agreement is not good, explain possible sources of the discrepancy.

- a. Develop a uniform probability model by assigning equal probability to all outcomes and use the model to determine probabilities of events.
- b. Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process.

KY.7.SP.8 Find probabilities of compound events using organized lists, tables, tree diagrams and simulation.

- a. Explain just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.

Career Studies:

ES.M.1 Practice problem solving skills in a variety of situations to apply to real-world problems.

ES.M.2 Model flexibility and willingness to try new things (e.g., critical thinking, problem solving).

ES.M.5 Apply failure as a learning opportunity.

ES.M.13 Exhibit self-control.

ES.M.16 Engage effectively in a range of age appropriate collaborative discussions (one-on-one, in groups and teacher led).

- a. Work with peers to create rules for collegial discussions and decision making (e.g., informal consensus, taking votes on key issues, presentation of alternate views).
- b. d. Acknowledge new information expressed by others, and, when warranted, qualify or justify their own views in light of the evidence presented.

ES.M.18 Practice effective conflict resolution strategies with minimal guidance.

FL.M.7 Apply decision making strategies when buying products.

Standards Covered by **Cartography Activity**:

Visual Arts:

VA:Re8.1.7 Interpret art by analyzing artmaking approaches, the characteristics of form and structure, relevant contextual information, subject matter, and use of media to identify ideas and mood conveyed.

VA:Cn11.1.7 Analyze how response to art is influenced by understanding the time and place in which it was created, the available resources, and cultural uses.