

Lesson 3: Ocean Travel to the New World
9-12 Instructions for the Sailing Ship Section

- Using *How Big Was The Rebecca.pdf* (in the Student Documents & Activities column), calculate area of a brigantine sailing ship. Imagine living and working in such a space for 70 days.
- Using *Life on a Sailing Ship in the Early 1800* document (in the Student Documents & Activities column) read Philippine's firsthand accounts of life on the *Rebecca* and the US Government's report of passenger's experienced on Old-Type Steerage Sailing Ships in the early 1800's. Have students discuss the condition, what surprised them the most. Do your students think they could survive such a journey?
- Using *A Summary of Reproducing the 18th Century English Sea Biscuit.pdf* (found in the Student Documents & Activities column), make sea biscuits for or with the students, and/or students could watch "Ship's Bisket - Hard Tack: 18th Century Breads, Part 1. S2E12" (9 minutes)
- As a class review the *Transatlantic Travel Comparison 1818 versus 2018.pdf* table (found in the Student Documents & Activities column). What can students add to the comparison? Would the students rather travel in 1818 or 2018? And Why?
- Using the *Sailing Ships Resources.pdf* (in the Student Documents & Activities column),
 - Students may investigate historical and modern wind-powered vessels, navigation, speed and efficiency and nautical orienteering.
 - Audio and video files are also available to allow student the experience of being on board a ship in the ocean during a storm.
 - Students may want to try their hand at sailing. Use the Sailing Simulator to adjust the sail and rudder given different wind conditions.