



Delsia Malone

Cruising the High Seas 65 min

Objective:

Students will discover places around the world that cruise lines frequent. They will be able to compare and contrast nautical miles to regular miles.

Big Idea:

How can we calculate nautical miles from one point to another on a cruise ship?

1. Warm Up / Anticipatory 10 min

- Teacher will share pictures of an actual cruise ship and itinerary with the class.
- Students will list a wonder they have based on cruising, the pictures, or itinerary on a sticky note and post on the Wonder Jar poster.

2. Investigation and New Learning 40 min

- Teacher will explain miles.
- Teacher will demonstrate how to calculate total miles traveled.
- Students and teacher will calculate sample miles traveled together.
- Teacher will explain nautical miles.
- Teacher will demonstrate how nautical miles are calculated using a trip itinerary.
- Compare and contrast nautical miles to regular miles whole group.
- Students will divide into small groups and calculate nautical miles traveled using cruise itineraries.



3. Review & Check for Understanding 30 min

Students will share their trip itineraries and explain the mileage.