



## Navigation Treasure Hunt

Grades 4-8

### Deck 1A: Cargo Deck

#### Exhibit: Navigate Your Way

Which civilization is known for being the first to use a magnetic compass?

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#### Exhibit: GPS Satellites

How many satellites does it take to accurately locate someone on the planet?

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#### Exhibit: Night Skies

Go through the objectives on the screen.  
In which constellation is Polaris located?

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### Deck 2: Bunkroom

#### Exhibit: The Bunkroom

Go around to the back bunks on this floor. Watch some of the videos to discover some history and career paths in the maritime industry.

Ships travel the world. When the ships approach a port who is responsible for navigating the ship into port?

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## Deck 2A: Lower Containers

### Exhibit: Comings and Goings

Using the blank map of the Atlantic Ocean at the end of this packet, choose one famous explorer. Follow along with the explorer's trade route and sketch the route on your blank map as you go. Label the countries that were explored and answer the following questions:

1. Who is the explorer that you chose?

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2. In which year did he travel?

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3. What was one major accomplishment of the exploration?

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4. Why is this accomplishment important today?

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## Deck 3: Discovery Hull

### Exhibit: MariTimeline

Who was the first man to calculate accurate longitude markings for the Gulf of Mexico in the mid-1700s?

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What tool did he need to do this?

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Look at the earliest maps of the Gulf of Mexico and compare them to later ones. Why is knowing accurate longitude important?

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## Deck 3A: Upper Containers

### Exhibit: Ocean Today

Using the touch screen select the "Go Fish" category and then choose to watch the "Travel the Seas" video.

There are maps made specifically for the water. What are these maps called?

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Share one or two things you learned from the video about the maps!

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## Deck 5: The Bridge

### Exhibit: Sound signals

What is one way that ships communicate with each other on the water? Why is this important?

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How many rapid blasts of a ship's horn warns other boats when it is in danger?

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### Exhibit: In the Dark

All ships have lights on them to help others identify them accurately and so that others can see where they are and determine where they are going.

For all vessels, a \_\_\_\_\_ light appears on the left (port) side and a \_\_\_\_\_ light appears on the right (starboard) side.

Which color light is visible on the back (stern) of a boat or ship? \_\_\_\_\_