



Navigation Treasure Hunt High School

Deck 1A: Cargo Deck

Exhibit: Take Bearings (Land Ho!)

After following the instructions on the exhibit, explain how the two lines that appear on the map are determined. How do you know that where the lines converge is your location?

Exhibit: GPS Satellites

How many satellites does it take to locate a GPS on the planet? Why does it take this many, or more, for a GPS to work?

Deck 2A: Lower Containers

Exhibit: Ocean Planet

Ask the educator to show you the "Earth's Magnetic Field" dataset. Why do you think the magnetic north moves over time?

Exhibit: Comings and Goings

Use the kiosk to view some of the explorers from Europe into the Gulf of Mexico. Notice that the paths of the explorers are not straight across. Why do you think they traveled in this way?

Deck 3: Discovery Hull

Exhibit: MariTimeline

Who was the first man to accurately determine longitude measurements for the Gulf of Mexico in the mid- 1700s? What tool did he need in order to do this?

Exhibit: Riverboat Run

Compare the development of boats on the river seen in this exhibit to those you would see used for sea travel. Why is the development of these types of ships so different?

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?

Share something you learned from the video about these maps. _____

Deck 5: The Bridge

Exhibit: In the Dark

Every ship has lights on it so that other ships on the water can identify the ship, know where it is, and where it is 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? _____