Maritime Weather Treasure Hunt
Grades 4-8

Deck 1A: Cargo Deck

Exhibit: Setting Sail
What does weather provide that powers sail boats?

What do you think would happen to the boat if the weather was really calm?

Exhibit: Fact or Folklore
Use the touch screen and select the wind category. Try and see if you can answer the questions correctly.
What is commonly predicted by observing the wind?

Deck 2A: Lower Containers

Exhibit: Ocean Planet
Ask the educator to show you the “Wind Forecast” dataset. Which direction do wind and weather usually move around the world? Why do you think this is?
Now ask the educator to show you a hurricane on the sphere.

Which hurricane did you see? What year did it hit? Where did it make landfall?

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Deck 3: Discovery Hull

Exhibit: MariTimeline

What is the worst river flood event in United States history which occurred in 1927?

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How many states were affected by this flood?

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Exhibit: Significant Shipwrecks of the Gulf

Look at the wall and find some of the shipwrecks that sunk due to weather. Can you find the one that was hit by a hurricane? What was its name?

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Deck 3A: Upper Containers

Exhibit: Extreme Storms

Watch the show in this exhibit (starts every 10 minutes). Write down one thing you learned about hurricanes in the show.

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Exhibit: Ocean Today

Use the touch screen to select a video. Choose “Danger Zone” and then watch the “Storm Surge” video. What is storm surge and why is it so dangerous?

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Exhibit: Weather Signals

Draw the flag symbol that signifies a hurricane warning.

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Deck 4: Upper Deck

Exhibit: NOAA Timeline

In what year did the President establish a national weather warning service? Which President was it?

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When was the first successful weather satellite launched by NOAA? What was its name?

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Deck 5: The Bridge

Exhibit: Sound Signals

Sound signals can be helpful on the water in bad weather. What is one signal used during fog or low visibility?