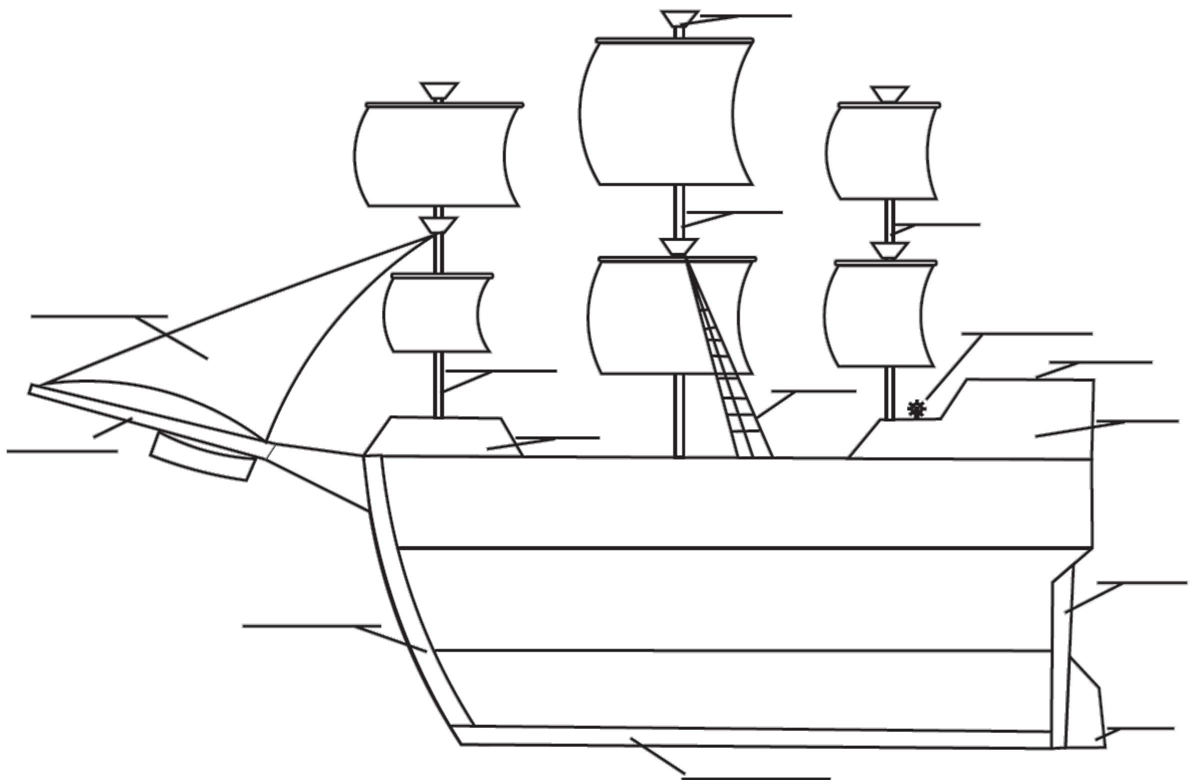
Design & Build a Paddle Boat

Pirate Ship Anatomy *– Label the part of a Pirate Ship:*



Directions on a Boat*:*

Port- ______________________________

Starboard- ______________________________

Fore- ______________________________

Aft- ______________________________

Things to Consider—

____

What did you learn about Energy Transformations & Propulsion that you might use to build your boat?

Identify the Problem:

Brainstorm:

***Choose a Solution*—include measurements!**

Construct & Test Prototype:

Use Duct Tape to make your design waterproof.

***Evaluate your Solution*—record notes here:**

***Present Solution*—Demo & Explain to your partner.**

Reflection:

1. Were you successful? Why or why not?

2. How far did your boat travel?

3. What happens if you wind the paddle 30 times?

4. What changes would you make to your design?

5. Draw & label a picture of your final design on the back.