

Name:

1) A Wind Powered Boat Diagram:

Label:

Boom

Hull

Jib

Keel

Mainsail

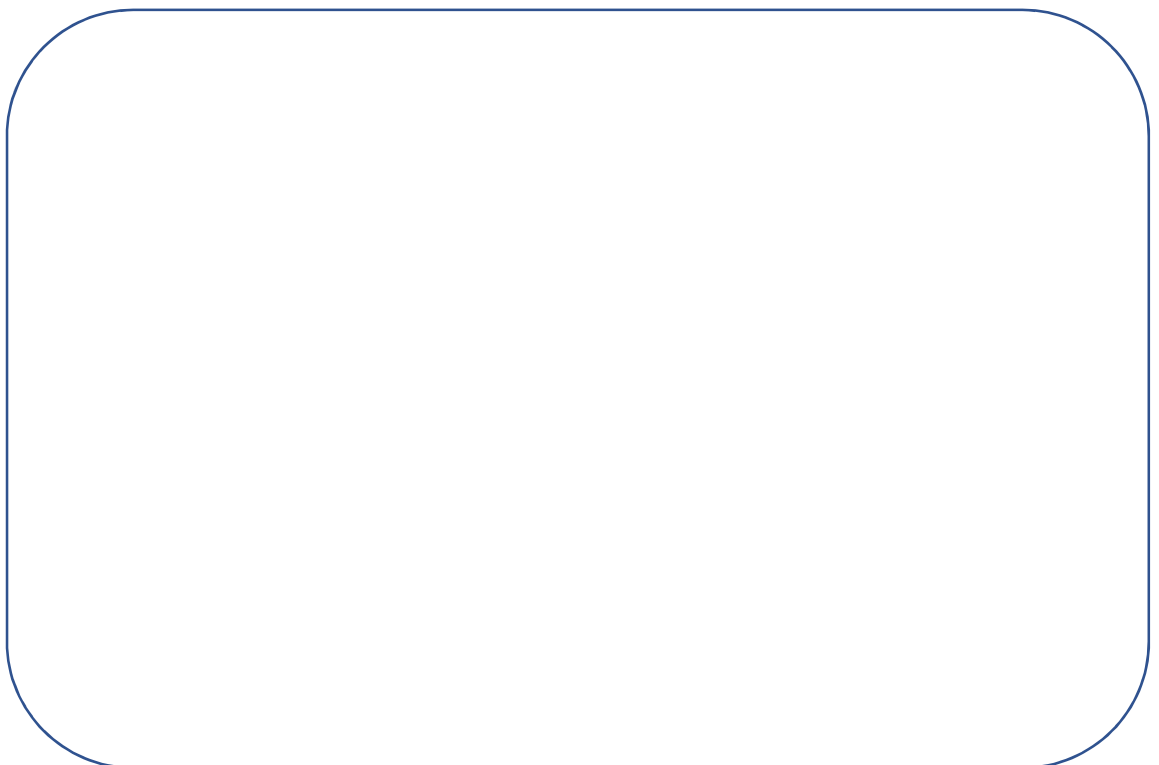
Mast

Rudder



2) My Rubber Band Power Boat Design

Label Features that are different than wind boat above



3) Describe the Archimedes' Principle of Buoyancy:

How does this principal apply to all boats?

4) Describe the Newton's First Law of Motion:

How does this principal apply to all boats?

5) Describe Newton's Third Law of Motion:

How does this principal apply to wind boats?

6) Potential Energy is:

When does the Rubber Band have Potential Energy?

Kinetic Energy is:

When does the Rubber Band have Kinetic Energy?

7) Made Toy Wind Boat and made Toy Rubber Band Boat

8) Raced Toy Wind Boat

9) Raced Toy Rubber Band Boat

10) Two Bible Stories that describe floating objects (check when story is told)

Two Bible Stories that defy Archimedes' Principle of Buoyancy (check when story is told)
