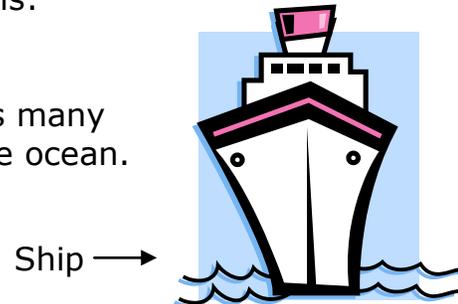


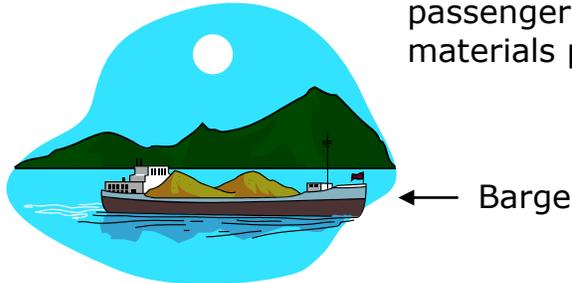
Ship Ahoy!

Your Client: Titanic Cruise Company is planning on launching a new line of passenger cruise ships. They are trying to lose the negative image associated with their name, so it is extremely important that your design meets the following expectations:

1. They want their ship to look appealing.
2. It must be strong enough to transport as many passengers as possible safely across the ocean.



Your Task: Working as a team you will have **1 hour** to design and make a ship that looks aesthetically pleasing. (That means it cannot look like a barge.) and will hold as many passengers as possible using only the materials provided.



Your Planning: You should spend about **15 minutes** on this stage. During this planning time you are allowed to handle the materials, measure, draw, and create a data chart.

You **may** predict how many passengers you can safely place on your ship.

You are **not** allowed to fold, tape, glue, or assemble anything at this stage.

Your Criteria:

Is your material buoyant?

Is your material waterproof?

Is it strong? How many passengers can it hold? **1 gram = 1 passenger**

Your Constraints:

You must use only 1 type of material at a time.

Your ship cannot be bigger than 6" x 6".

No water may enter your ship due to the mass of the passengers.

PLEASE DO NOT WASTE MATERIALS—PLAN FIRST!!!