



Newton's Boat

When the water/air is pushed by the propeller (fan) and is thrown in one direction, an equal force is applied to the body of the boat in the exact opposite direction propelling the boat forward.

Consider the following questions:

1. How will the boat float?
2. How will the boat move in the water?
3. How will you build a propeller?



Answers:

1. How will the boat float?

Make sure that the boat is balanced and use the material that does not submerge in the water.

2. How will the boat move in the water?

Propeller (fan) will have to push water in one direction for it to move in another direction.

3. How will you build a propeller?

Look how the fan looks and you can use a plastic bottle, cardboard, or wood.