

Name:

1) Earn Basic Toy Boat Regatta Honor

2) A Pop-pop Boat (Looped Tubing Engine) Diagram:

A Pop-pop Boat (Diaphragm Engine) Diagram:

- 3) What Happens to Liquid Water as it turns to Steam?
- 4) What Happens to Steam Water as it turns to Liquid?
- 5) How does a toy pop-pop boat engine utilize Newton's First Law of Motion?

6) Made Pop-pop Boat

7) Scientific Method:

a. Proposed modification to Pop-pop Boat:

b. Hypothesis:

c. Test and record data:

d. Conclusion:

8) Raced Pop-pop Boat

9) How much could the animals and other cargo on Noah's Ark have weighed?

How many animals could have fit on the Ark?

*On separate sheet(s), **show all work and assumptions***