Name_____ Sci#____

water rocket design questions

Answer the following questions in complete sentences

1) What is Newton's 1st Law of Motion?

2) Estimate how much your design weighs. How will the weight of the rocket affect the speed and distance in height traveled by your design.(pg 148)

3) What is Newton's 2nd Law of Motion?

4) What is Newton's 3rd Law of Motion?

5) Explain how the rocket is launched using Newton's 3rd Law of Motion.(pg 150)

6) What changes did you make to your rocket so that it would stay in the air for an extended period of time?

7) How does your design protect the egg?

8) What are the strengths of your design?

9) What might go wrong with your design?