Air and Flight Stations

Design Process Report

Choose ONE station to complete the following:

1) Record your initial plans for how you are going to construct your model/device. Be specific!

2) Complete a labeled diagram/sketch of your plan.

3) Test your model at least three times.

4) Record appropriate numerical data that you gather from your tests. Ex. (Time in the air, distance travelled, height reached, etc…) be as accurate as possible. Use charts or graphs to record data. Use separate piece of looseleaf or graph paper.

5) Record your observations. (How did your model work? Did it fly well? Did it stay in the air for a long time? Did it fall too quickly? Did it perform the way you had hoped?) Once again be specific in recording your observations!

6) Make adaptations to your new plan, and record the changes you will make. Explain why you are making the adaptations.

7) Repeat steps 3, 4, and 5 for your new model.

8) Write a conclusion describing what you learned from completing this station.

9) Complete a “POLISHED/GOOD COPY” to hand in with your first set of notes, data, diagrams, and observations.