**Come Fly with Me Lab**

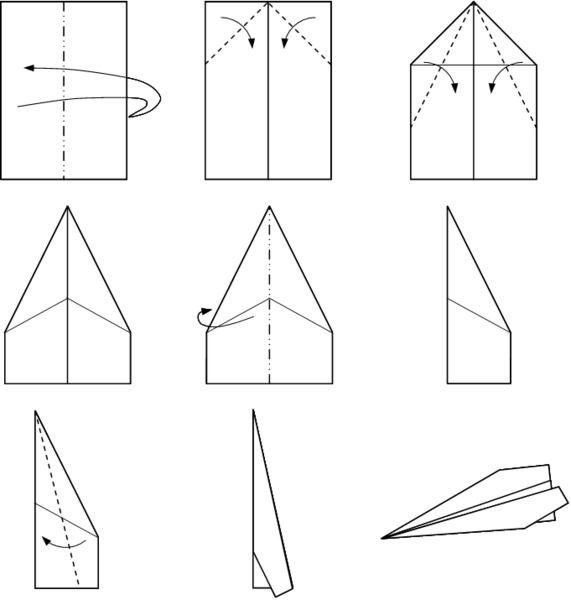
**QUESTION**: How does changing a paper airplane affect how far it will fly?

**HYPOTHESIS** (is it testable?)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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**MATERIALS**  
3 Paper Airplanes, each different (Can use construction, computer, newspaper, notebook paper) Measuring Tape.  
  
**PROCEDURE**  
Design a procedure with your partner. Number your steps. A final version should be written on the back of this paper.

**DATA** **CHART**  
You will need to design a chart to organize the data you collect. Your chart needs to include 3 trials (3 planes) and an average for each type of paper. You will also have to make a bar graph of your AVERAGES. A final version should be written on the back of this paper.’

**CONCLUSION**  
Your lab group will have to write a conclusion. Remember that your conclusion must explain your results by referring to your data chart and should help answer your hypothesis. A final version should be written on the back of this paper.

ROUGH DRAFT PROCEDURE:  
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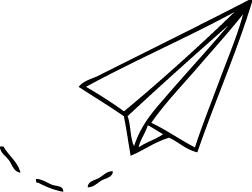
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Hypothesis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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Materials: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

****Procedure: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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Data Chart:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Planes | Trial 1 | Trial 2 | Trial 3 | AVERAGE |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Bar Graph:

Key

Conclusion: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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