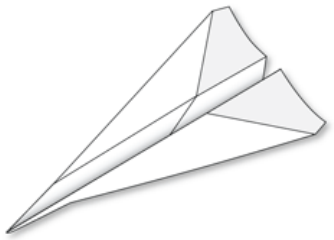
Name:_____



FLIGHT DATA SHEET

Indoor Flight

1. Find an open space in your classroom or hallway. Safety warning: DO NOT THROW PAPER AIRPLANES TOWARD OTHERS. One person should throw the paper airplane while the other measures the amount of time the paper airplane stays in the air. Record the time in the chart below. Discuss and record any flight observations. Then, switch jobs.

FLIGHT DATA: INDOORS

Trial	Flight Time (sec.)	Flight Observations
1		
2		
3		
4		

2. Were all of your flight times the same? Why or why not?

_____
_____
_____
_____

Outdoor Flight

3. With your teacher, go outdoors. Describe the weather conditions:

_____
_____
_____
_____

4. Repeat the procedure in #1 with your airplane outdoors.

FLIGHT DATA: OUTDOORS

Trial	Flight Time (sec.)	Flight Observations
1		
2		
3		
4		

5. Were all of your flight times outdoors the same? Why or why not?

_____
_____
_____
_____

6. Did your paper airplane glide longer inside or outside? Why do you think that happened?

_____
_____
_____
_____

7. How do you think weather conditions affect a real airplane's flight?

_____
_____
_____
_____

8. Why doesn't your paper airplane keep flying like a real airplane?

_____
_____
_____
_____