

Name: _____

Section: _____



Purpose: In this activity, you will construct paper airplanes of various designs to see who can come up with the “best” model.

Materials:

- Paper
- Scissors
- Tape
- Paper Clips

Procedure:

Part 1

1. Make two paper airplanes (that are exactly the same) and write your name on them.
2. Follow the teacher’s directions for flying the planes. **BE SURE NOT TO THROW YOUR AIRPLANES UNTIL YOU ARE GIVEN PERMISSION.**
3. Observe the planes’ flight and write down your observations.

Part 2

1. Gather information on changes/factors that can influence a plane’s flight (if time permits).
2. Make a hypothesis about the effect of the change.
3. Use the materials provided (e.g. tape, paper clips, scissors, etc.) to make **ONLY ONE** modification on **ONLY ONE** of the two planes.
4. Follow your teacher’s directions for flying the planes. **BE SURE NOT TO THROW YOUR AIRPLANE UNTIL YOU ARE GIVEN PERMISSION.**
5. Observe the planes’ flight and write down your observations.

Part 1- Flight Observations

Hypothesis

Part 2- Flight Observations

Questions

1. How did you modify your plane?
2. What about your plane changed due to your modification?
3. How did your plane respond to the modification?
4. What remained the same about your plane?