

The Scientific Method of Paper Airplanes

Purpose:

- a reason for doing the experiment
- why are we doing the experiment/what are we trying to find out
- should be expressed in one or two sentences

Our Purpose:

To determine if a paper airplane thrown outside flies further than a paper airplane thrown inside.

Procedure/Materials:

- can often be given in point form
- can also be referred to (i.e. see the text page 49)
- good for redoing labs to test for **reliability**

Our Materials:

Paper, a tape measure

Procedure:

- fold a paper airplane
- throw the plane outside and measure the distance flown
- throw the plane inside and measure the distance flown

Hypothesis:

- an educated prediction of what will happen
- the formal way to make a hypothesis involves an If/Then Statement

Our Hypothesis:

If we throw the plane _____ **then** it will fly _____ because ...
