

## Brown Bag Demonstrations

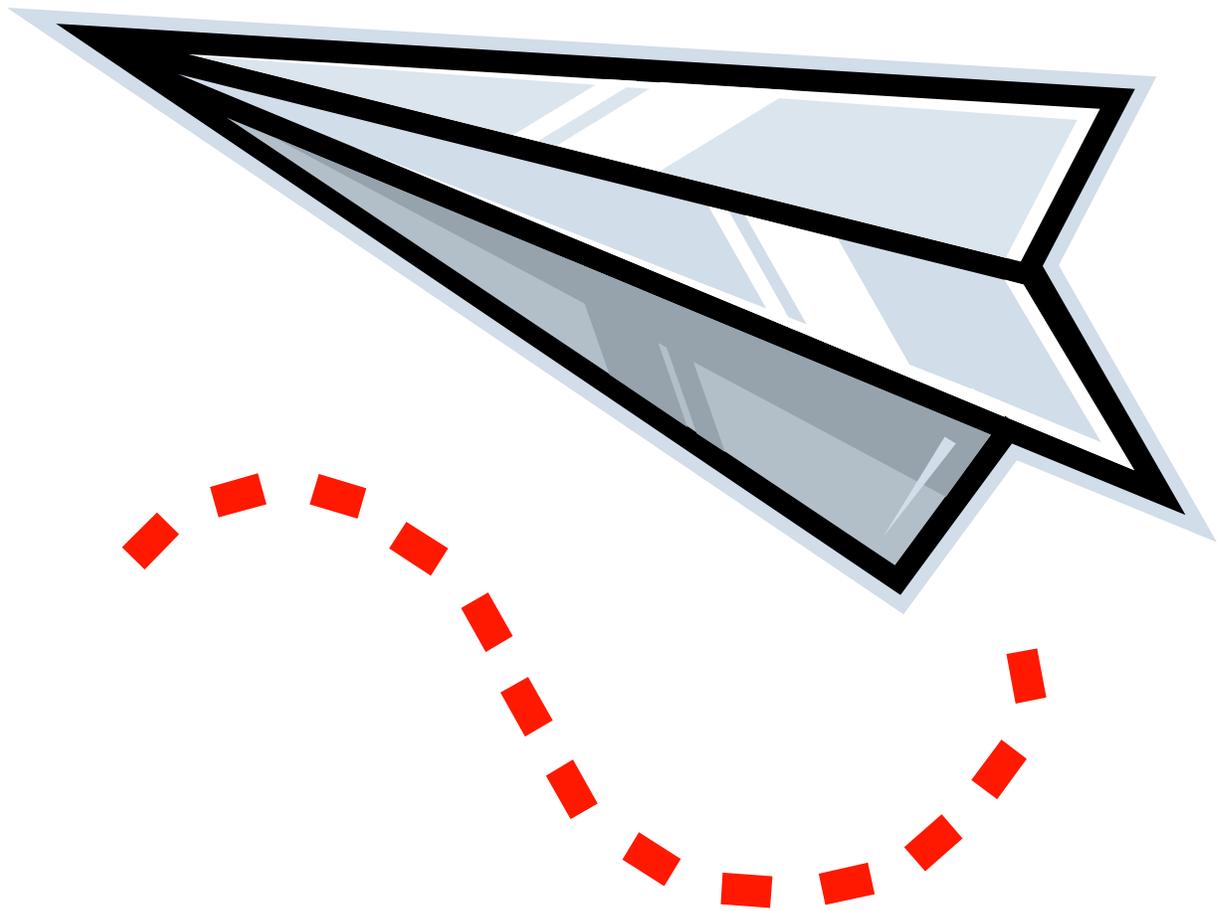
# Supersonic Planes

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**Supplies Needed:** 8 ½ x 11 paper, paper clips, staples, scissors, scotch tape

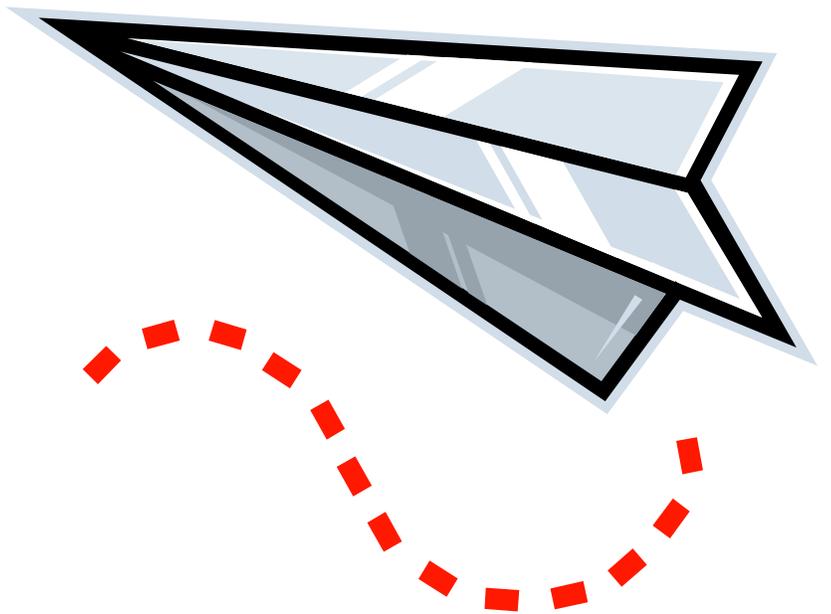
What to Do	What to Say
<b>Chart #1</b>	<p>Almost everybody has made a paper airplane at one time or another. Chances are good that it was simple and that it flew.</p> <p>There is more to making a good paper airplane than just folding up a piece of paper. I can take a piece of paper and in a few minutes turn it into something that flies. I can make it fly straight or I can have it do loops and circles.</p>
<b>Demonstrate how to fly airplane</b> <b>Chart #2</b>	<p>The items needed to make a paper airplane</p> <ul style="list-style-type: none"> <li>• 8 ½ x 11" paper</li> <li>• Scissors</li> <li>• Paper Clip</li> </ul> <ol style="list-style-type: none"> <li>1. Fold a piece of paper in half, the long way. Then unfold it and lay it on the table with the crease pointing down. Now fold the two of the corners on one end in, so that they meet at the center and form a point. Next, fold the same two sides over once more, so that they meet at the center crease the same way as before.</li> <li>2. Make sure that the two sides are even. I have to do this every step. Otherwise the plane will not fly straight. Now fold the whole thing in half along the center crease, and put it down sideways on the table.</li> <li>3. The final two folds make the wings. Starting with one side, fold it down so that the top edge matches the bottom one. Try to make it as even as possible, and be sure that the crease is sharp. Then turn the plane over, and do the same with the other side. When the two wings are folded down, they should be even. If they are not, try to refold one of them so that they are.</li> <li>4. Now open the wings up, and the plane is basically complete. The bottom part, the ridge used to hold when launching the plane is called the keel. Put a staple or a paper clip in the keel about halfway back from the nose. This will keep the plane from unfolding. I could also tear a little tab in the paper and fold it back instead.</li> </ol>
<b>Chart #3</b>	<p>Making paper airplanes is fun and inexpensive – Some things to remember when making them are:</p> <ol style="list-style-type: none"> <li>1. Crease even and straight</li> <li>2. Be sure to sharply crease all the folds</li> <li>3. Wings are the same size or the plane may curve to one side</li> </ol> <p>All you'll need are some paper and maybe a paper clip! Are there any questions?</p>
<b>Closing</b>	Have fun flying paper airplanes.

# Supersonic Planes



# Supplies Needed

- 8 ½ x 11" paper
- Scissors
- Paper Clip



# Summary

1. Crease even and straight
2. Sharply crease all folds
3. Wings same size

