

SOARING SUNDAY

TODAY'S CHALLENGE: PAPER AIRPLANES & FLIGHT

Age Group: Whole family

Materials:

- Paper (try using different kinds!)
- Scissors and tape
- Paperclips (or some other weight to attach to plane)

The Challenge:

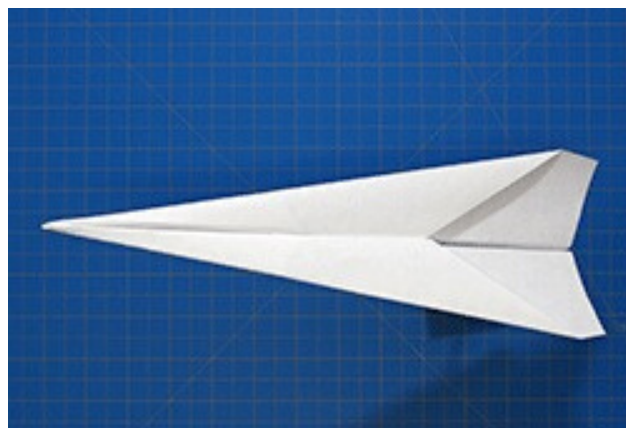
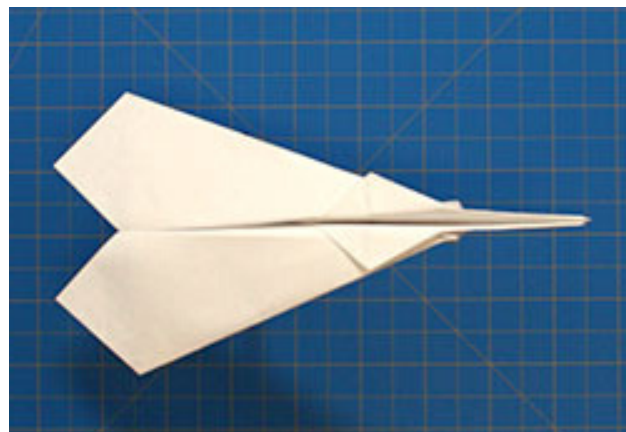
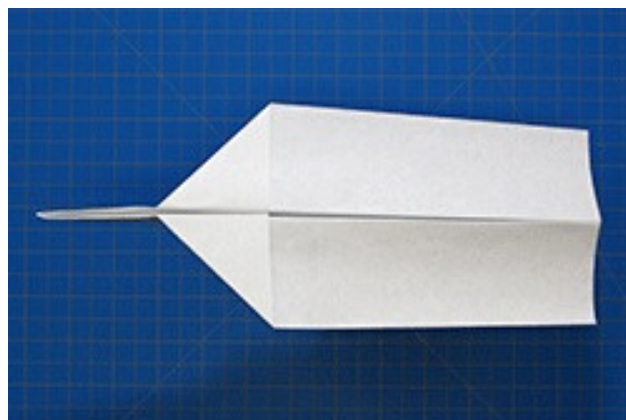
What is the best way to fold a piece of paper to make a paper airplane fly the highest, the farthest, or the fastest? Can you make a plane that does acrobatic tricks? Visit www.foldnfly.com for some ideas on how to fold different kinds of paper airplanes!

Guiding Questions:

- What can you do to change how your airplane flies?
- What parts of the plane can be changed to make it fly straighter, farther, faster, or with more acrobatics?
- What happens if you change the folds, or what kind of paper you use, or where you put some weights?

Extensions:

Design a parachute for a toy. Some supply ideas: string, paper, plastic bags, cloth scraps. Test different options. What works best to give your toy a safe landing?



Source: www.foldnfly.com

Oregon Coast STEM Hub



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