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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