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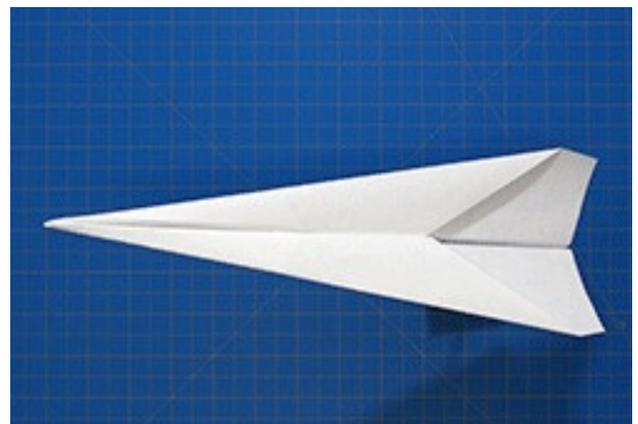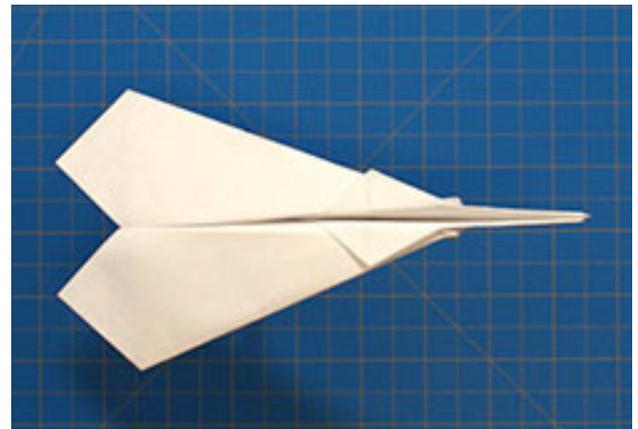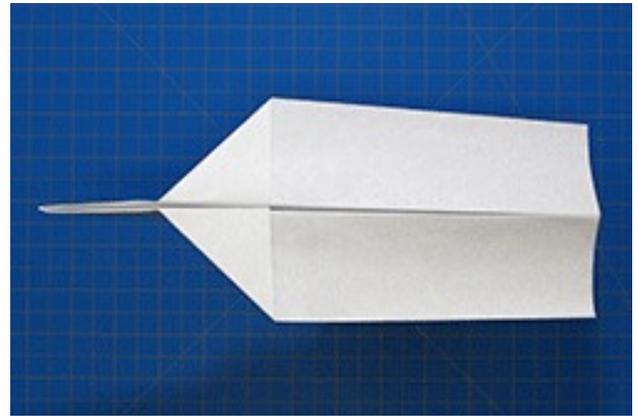
Guiding Questions:
- What can you do to change how your aiplane flies?
- What parts of the plane can be changed to make if fly straighter, farther, faster, or with more acrobatics?
- What happens if you change the folds, or what kind of paper you use, or where you put some weights?

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?

Share photos & videos of your project!
#STEMWeekOR

Register your activity for a chance to win a prize!
www.stemoregon.org/stemweek2021

Source: www.foldnfly.com

Ready for more STE(A)M?

Keep STE(A)M going beyond STEM Week!

For more information about local STEM resources in your area, find your regional STEM Hub at:

www.stemoregon.org/regional-stem-hubs

STEM Oregon

DESIGN
May 08 - 16, 2021
#STEMweekOR2021
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