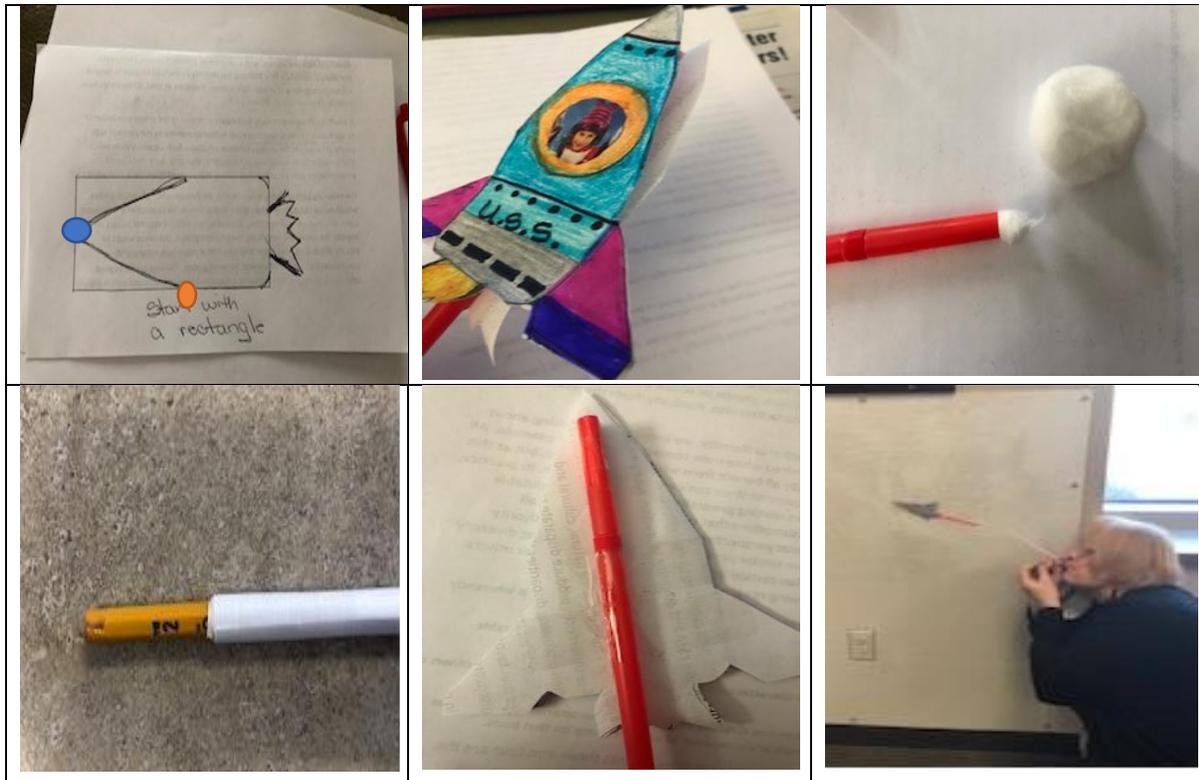


This is Ms. Susan from the Shorewood Public Library. This week we are going to explore the outer atmosphere with an out-of-this world rocket ship. Everyone will love designing their very own rocket and see where the next flight will take them. Experiment with different angles and designs to see the distance or speed your rocket can fly. 3-2-1, let's get ready for lift-off!



1-Fold a thick piece of paper in half and draw a rocket ship. To get the sides even, start with a simple rectangle. Draw a line from the middle of one end to the middle of the left side of the rectangle. The point is the rocket nose cone. Now draw a line to the middle of the right side of the rectangle. You can add some exhaust fire on the bottom of the rocket ship where the "thrust" comes from at takeoff. Draw a circle and put your picture in the circle to make it look like you are the astronaut. You can even give your rocket ship a name. Add space launch fins on either side of the rocket body which will keep the rocket flying straight. The size, shape, location, and number of fins, all affect the flight of the rocket ship. Cut out both layers of the rocket and color it anyway you wish. You can have a two-sided rocket or you can make two rockets.

2-Get a straw and stuff a piece of a cotton ball in one end. Tape it shut, so no air can pass through the end. If you do not have straws, roll up a piece of paper very tightly around a pencil. Pull the pencil out and tape the edge. Now roll another piece of paper around this paper straw, pull out the smaller straw and tape up the edge. Tape this straw on the back of one of the rockets, be careful not to smash the straw down. You can tape the other rocket to the back of the first one with the straw in the middle. Or you can make another straw launcher to tape to the second rocket and have two. Fold the fins or add another fin to the top front of the rocket to see if the flight patterns are different. You are ready to launch. Place the smaller straw inside the rocket launcher straw. Now, blow into this straw with a big puff and watch your rocket take flight! See how far you can get it to sail.

Hope you stay well and have a blast!

Miss Susan