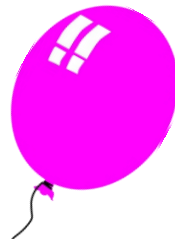
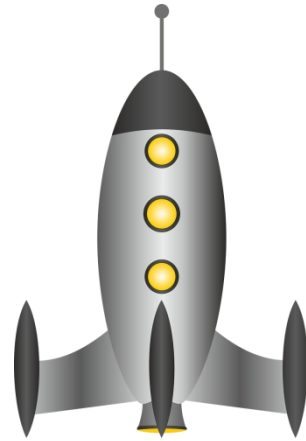


Balloon Rocket

Need:

- Balloon
- Nylon String
- Cut Straw
- Tape



HOW DOES IT FLY?

THRUST

When air rushes out of the balloon it creates a forward motion called thrust

How to:

Place the cut straw over the nylon string

Pull the string tight and tie up the ends of the nylon string

Blow up your balloon but do not tie it closed, just hold it

Attach the cut straw to the balloon with tape

Move it to one end of the nylon string

Then let go



EXPERIMENT VARIATIONS:

How does the type of balloon (ie size) effect the speed and distance the rocket goes?

How does the angle of the string effect the speed and distance the rocket goes?

How does the length of the straw attached effect the speed and distance the rocket goes?

If you replace the nylon string with wool how does that effect the speed and distance the rocket goes?

