

STRAW ROCKET



minutes



difficulty

Tools & Materials:



- Paper or printed template
- Markers
- Scissors
- Tape
- Straw

**Can substitute rolled paper*

Description:

Learn about propulsion and air pressure as you create your very own Straw Rocket. You will be using air pressure from your lungs to propel your rocket forward! Test your creation and see if there are adjustments you can make to help it fly even farther.

final product



Directions:

- 1 Cut out all rocket pieces
- 2 Wrap square cut-out around straw and tape at the seam. This is the rocket body
- 3 Fold fins & tape to the rocket body
- 4 Overlap the ends of the nose cone and tape
- 5 Tape the nose cone to the top of the rocket body

MAKE IT BETTER!

HAVE FUN WITH ENGINEERING DESIGN

- How can you make your Rocket launch farther, higher, or with more precision?
- What happens when you adjust the length of your straw?
- What happens if you add more weight to the end of your rocket?

*Use your printer to print this page or trace the red shapes from your screen!

