

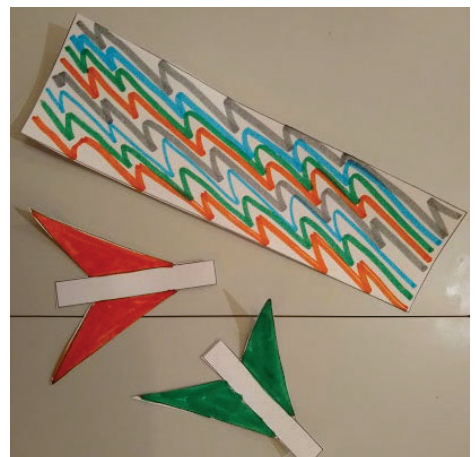
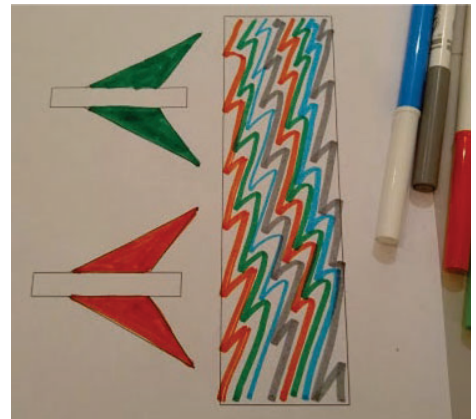
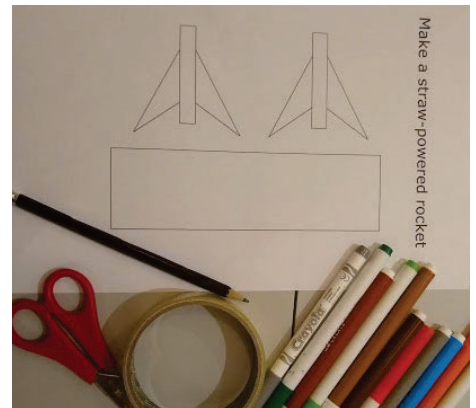
Disney · PIXAR

# LIGHTYEAR

## Straw-Powered Rockets

### INSTRUCTIONS

1. Each person should have a rocket template. You will also need a pencil, felt pens, sticky tape, scissors and a paper straw.
1. Decorate the rectangle and fins on the rocket template with felt pens.
1. Cut out the rectangle and the fins. The rectangle will be the body tube of the rocket. Wrap the rectangle around a pencil length-wise and tape the rectangle so that it forms a tube.



See the New Movie

© 2022 Disney / Pixar

[www.cambridgesciencecentre.org](http://www.cambridgesciencecentre.org)

CAMBRIDGE  
SCIENCE  
CENTRE

Disney · PIXAR

# LIGHTYEAR

## Straw-Powered Rockets

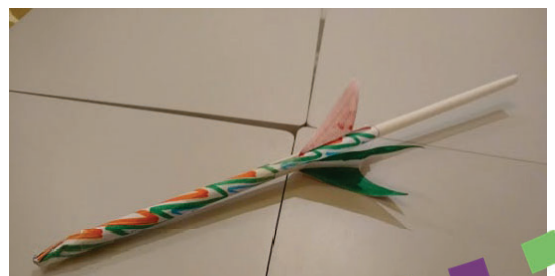
### INSTRUCTIONS continued

4. Align the rectangle on the fin shape with the end of your body tube and tape it to the body tube.

Nothing should stick out past the body tube!

Do the same thing for the other fin shape but tape it on the other side of the body tube so you have a "fin sandwich".

5. Bend the one fin on each fin unit 90 degrees so each fin is at a right angle to its neighbour. When you look along the back of the rocket, the fins should form a "+" shape.
6. Using the pointed end of your pencil, twist the top of the body tube into a nose cone, and tape the nose cone.
7. Remove the pencil and replace it with a straw. Blow into the straw to launch your rocket!



CAMBRIDGE  
SCIENCE  
CENTRE

See the New Movie

© 2022 Disney / Pixar

[www.cambridgesciencecentre.org](http://www.cambridgesciencecentre.org)

# Make a straw-powered rocket

