

STEM

STRAW ROCKETS

Challenge:

Construct a straw rocket that will travel the farthest distance

Instructions:

Students will create 4 rockets, with 2 different types of straws. Students will cut out their rockets, design them, and tape both sides around the top of the straw. There will be a lot of testing and learning for students in this stage (blowing too hard, not hard enough, straw types, not enough tape, etc). Students will measure the distance, make and desired changes, and get a 2nd turn.

Materials:

- Straws (wide ones work best)
- Paper strips
- Rocketship Template (attached [click here](#))
- Tape
- Tape measure/ Yard stick
- Crayons/Colored pencils to decorate rocket

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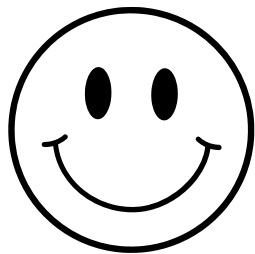
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Test your design. Do you need to make any changes? If so, what are you changing?

Rate your design:



Did you like this activity?



What did you like about your design?

What would you do to improve it next time?
