

A STEM in the Park

Take Home Activity

STEM

in the **PARK**™

Science, Technology, Engineering, and Mathematics

Zooming Balloon Rockets

What You Need

- Strong thread or string
- Drinking straw
- Two chairs
- A long balloon
- Large Binder clip
- Tape



What To Do

1. Cut a 10ft. piece of string. Thread it through a drinking straw. Tie each end of the string to the back of a chair, then move them apart so the string is taut.
2. Blow up a long balloon, then twist the end and clip it with the binder clip. Tape the balloon onto the straw in several places.
3. Carefully pull the straw to one end of the string. Then, quickly remove the clip from the balloon and watch what happens.

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Why does it work?

The air in the balloon is under a lot of pressure and is trying to escape. When you take off the clip, the air rushes out, pushing the balloon in the opposite direction.

You can find this experiment, and lots of others in Science books from Usborne Books & More, available online and through Cindy Musteric, local Independent Educational Consultant. U3636.myubam.com

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