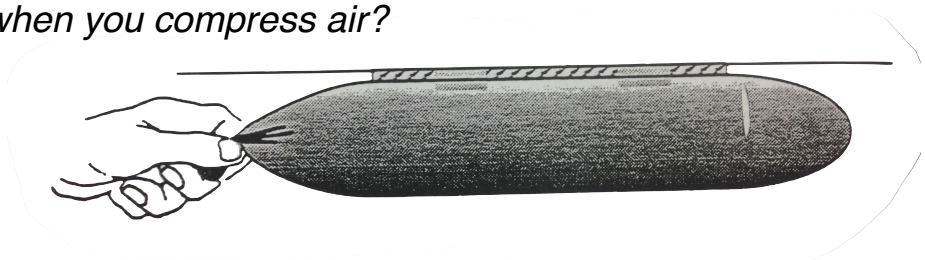
Activity: Air Powered Rocket

Problem: *What happens when you compress air?*



Hypothesis/Prediction:

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Materials:

- string - tape
- balloon - jumbo drinking straw

Variables:

Controlled:_____

Independent/Manipulated:_____

Dependent: _____

Procedure:

1. Thread two short (6cm) pieces of straw onto the string.
2. Tie the length of string (about 5 m) between two points
3. Attach an inflated balloon to the straw sliders with tape. Do not tie up the neck of the balloon.
4. Move the balloon jet to one end of the string. Let go of the neck and watch it rocket along the string.
5. Observe. What is powering this rocket?

Observations:

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Inference/Conclusions:

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