

Wednesday 25th March 2020

Science - Forces

WALT: Understand that forces can make things move.

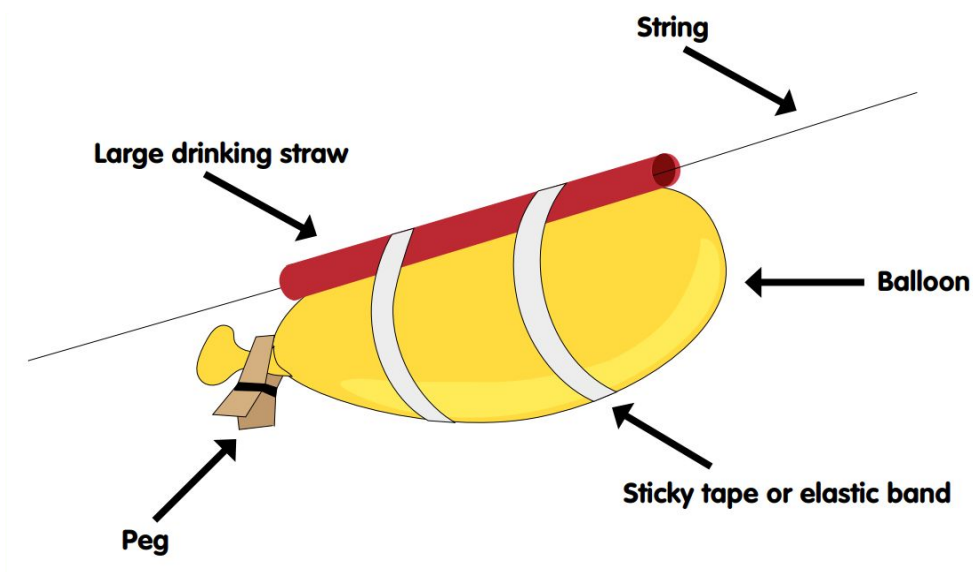
We are going to investigate how air moving in the same direction can move an object forwards.

Watch these videos:

<https://www.youtube.com/watch?v=KMX7zgaLC0w>

<https://www.youtube.com/watch?v=r8BiJs4EfbI>

And then try to make the following at home if you have all of the materials:



Image

from https://www.stem.org.uk/system/files/elibrary-resources/legacy_files_migrated/28354-Balloon%20rocket%20activity%20sheet.pdf

This experiment is a demonstration of Newton's third Law of motion:

Watch: <https://www.youtube.com/watch?v=iV3NXFkdUyw>

To turn this into a scientific investigation we need to alter one of the **VARIABLES** to see how this changes the movement of the balloon rocket.

Once you've made your rocket, investigate:

- How does the amount of air in the balloon change the speed of the balloon rocket?