

Year 5

Spring Term One Homework Project

Science - Forces

FORCE AND MOTION



Push



Pull



Magnetism



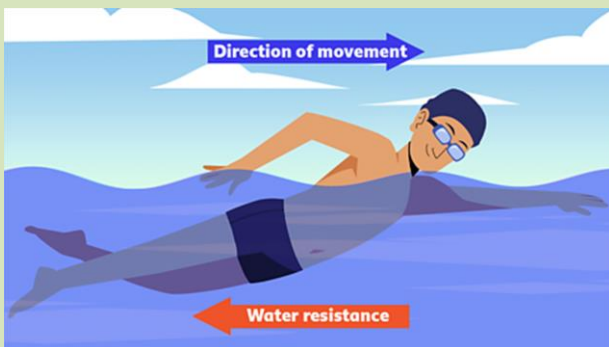
Gravity



Friction



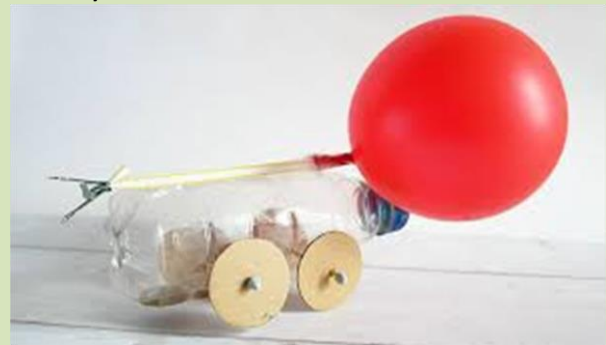
Acceleration



It is time to get creative year 5.

I would like you to use materials that you have at home to make one of the following:

- 1) Build a balloon-powered car (exploring air resistance)



- 2) Design a marble run (investigating gravity and friction with loops)



- 3) Make a poster or booklet identifying different forces (push, pull, friction, gravity, magnetism) in everyday activities like opening doors, kicking a ball, or magnets on the fridge.

Other ideas include investigating friction on different surfaces or exploring magnetic forces.

I look forward to seeing your amazing projects by **Monday 2nd February 2026**.