

Hello Year 5s and Year 6s

Here are some science projects for you to complete over the next few weeks.

Mrs Bridge.

Y5/6 Forces

Gravity

Find out about gravity. What is it? In which direction does it work? Is it the same everywhere on planet earth? Is it the same on other planets in our solar system? Find out how much you would weigh on different planets. [*Research using secondary sources*](#)

Air resistance

Make 3 different sized parachutes – which one do you think will be the best at slowing down a falling object? Why? Design and perform a fair test and find out if you were right. YouTube has one called Easy Science Parachute Science Project Science for Kids

<https://www.youtube.com/watch?v=Rdtvot6ipWk> [*Fair testing*](#)

Paper Rockets Stem Activity is another great investigation on Youtube

https://www.youtube.com/watch?time_continue=102&v=0hThMoHB88w&feature=emb_title

Water resistance and upthrust

Mrs Bridge says, “Bigger boats experience more upthrust.” Are bigger boats able to carry more weight? Make some different sized paper boats and test how much mass (weight) each can carry before they sink. Is there a pattern? [*Pattern seeking.*](#)

Friction

What would happen if suddenly there was no such thing as friction – which things which you do now would be simply impossible? Make a list and say why. [*Research using secondary sources*](#)