

## Science 29th June

For the last 3 weeks of term I've got some challenges that I'd like you to try at home.

I'd like you to choose one or two of the challenges from

[https://www.jamesdysonfoundation.co.uk/content/dam/pdf/JDF\\_with%20cover%20challenge-cards\\_DIGITAL.pdf?](https://www.jamesdysonfoundation.co.uk/content/dam/pdf/JDF_with%20cover%20challenge-cards_DIGITAL.pdf?)

You should recognise the first science experiment on the card – it's one that we did in school and I know that some of you have already tried it at home – and the Marble Run was one suggestion for a simple timer.

The challenges are divided into Science and Engineering and you can try as many as you want.

Lots of the experiments are easy to do at home but some are a bit more challenging.

I particularly like these:

Science Challenge 3 – Floating Ping-pong Balls

Science Challenge 13 – Measuring the Speed of Light – difficult but you get to eat lots of chocolate!

Engineering Challenge 4 – Strong as a drinking straw - it never works for me!

Engineering Challenge 10 – Cartesian Diver – tricky to set up – use Blu-Tac rather than plasticine

but it's up to you which you try!

Good luck and I hope you enjoy!