



# Fantastic Forces



Dear Parents/Carers,  
We are delighted that all the children will be returning to school this half term!

In our new topic we will be taking on the role of inventors, learning about a range of forces.

## OUR DRIVING QUESTION:

How can we, as inventors, design and manufacture a parachute?

**AS READERS:** We will be reading the book: Wonder by R. J. Palacio. We will be focusing on how key issues within this text, such as respect and equality, are vital in everyday life.

## AS MATHEMATICIANS:

We will learning about a number of topic areas in geometry, including: position and direction of objects, coordinates and grids, translating objects as well as the properties of shapes.

**AS WRITERS:** We will be writing a narrative based on the brilliant series of 'How to Train a Dragon' books by Cressida Cowell.

**AS SCIENTISTS:** We will be studying a range of exciting and fantastic forces which include: gravity, friction, air resistance, water resistance, surface resistance and magnetic force.

**AS MUSICIANS:** We will be learning all about percussion and some of the instruments this includes.

**AS CITIZENS:** our topic will be 'eating well and living well', where we will be studying how lifestyle factors such as diet and exercise can impact on our daily life.

**AS ARTISTS:** we will be incorporating our science theme of 'Fantastic Forces' to create colourful artwork and murals that can be displayed around our year 5 classrooms.

**AS ATHLETES:** we will be improving our coordination and reactions during our PE lessons which focus on net and wall activities.

## YEAR 5 SPRING TERM 2

### WEEKLY HOME LEARNING:

- Reading
- Lexia
- Spelling Shed
- Maths Shed
- TTRockstars

Please ask your class teacher if you need assistance with usernames/passwords.

### COMPETITIONS

**Dorset School Games** are hosting virtual sports events this half term, starting with the speed bounce challenge. All details are on Google Classroom in the 'Virtual Sport Events' folder.

If you are feeling arty, have a look at the **Livingstone Academy Art Competition**—also on Google Classroom. Can you help your house gain the most points?

### KEY VOCABULARY:

force  
gravity  
friction  
air resistance  
water resistance  
surface resistance  
magnetic force  
push / pull  
upthrust

If you are unable to access a device or unable to complete the home learning there will be a home learning club for your child to attend at lunch time.