

### Geography

This half term the children will be finding out about the Earth and its natural resources. We will be learning about different sources of energy and will be finding out where resources such as wood, steel and glass come from.



### PE

Golf and Hockey  
Pupils will demonstrate controlled striking and pushing techniques, applying accuracy and power in competitive situations. They will develop tactical understanding, using space effectively and transitioning between attack and defence in game play.

### Science

Our topic this half term is forces. We will be learning about gravity, will look at the effects of air and water resistance and friction between moving surfaces, and look at how levers, pulleys and gears work.



Spring 2

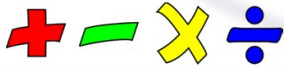
# Year 5 Curriculum Newsletter

### Maths

This half term we will be continuing our fractions and decimals topic where we will learn how to convert between fractions and decimals. We will also be learning about area and perimeter.

#### How you can help at home

Encourage your child to play TT Rock Stars to help with their times tables and develop fluency by playing games such as 'countdown'.



### English

We will be designing a useful machine In English and will write an explanation text to describe how it works. We will also be writing a narrative based on an extract from 'Cogheart' by Peter Bunzl.

#### How you can help at home

Encourage your child to read at home every night for 20 minutes and ask them questions about what they have read.



### Art

This half term the children will be focus on the art of Peter Thorpe and will be learning how to draw using one-point perspective and 3D drawing techniques.

### DT

This half term the children will be developing their understanding of mechanical systems. They will design and make a moving animal using a simple cam mechanism and will evaluate its effectiveness.