



## Maths

- Using knowledge of place value to add, subtract, multiply and divide using formal written methods.
- Solving problems involving the four operations.

## Computing

Creating media:  
Video production

## RE Justice and Poverty

Can religions help to build a fair world?

## RSHE Celebrating Differences

Reflecting on the differences between people within society and celebrating what makes us unique.

## PE

Outdoor: Invasion Games – developing skills needed to participate in different invasion games.

Indoor: Dance - On the Beach – learning different dance techniques to perform a routine.

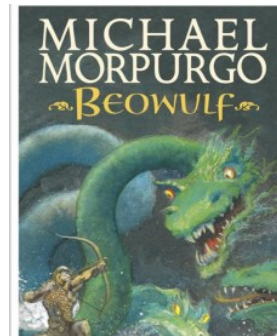
## History Why did the Vikings invade Anglo-Saxon Britain?

Exploring the lives of Vikings and the impact they have had on Britain.

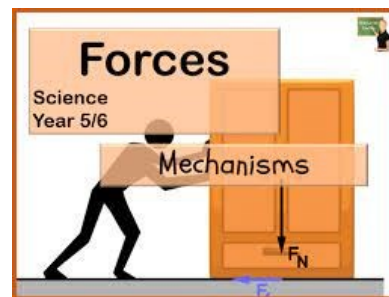
## Values

Resilience

**Text:** Beowulf by Michael Morpurgo



Year 5 Autumn 2



## English

Children will read the legend of Beowulf, identify and adopt features of writing legends and myths.

## Science Forces and Mechanisms

- Learning about different forces: gravity, air resistance, water resistance, friction, pulleys and gears.
- Planning, carrying out and evaluating investigations and using test results to make predictions.

## Music Genres (Blues)

The children will be introduced to Blues music and its history. They will learn to identify the key features and mood of Blues music and its importance and purpose.

## DT Food Technology (Bread)

Designing, making and evaluating bread.

## French What am I good at?

Using adjectives to describe my qualities..



## Ways in which you can support your child at home...

Below is a list of websites. These websites have been selected for your child to use this half term, as they support learning in class. If you have difficulty accessing any of the sites, please contact your child's teacher.

### Maths

<https://trockstars.com/>

<https://www.purplemash.com/>

### English

[Myths and Legends \(mythpodcast.com\)](https://mythpodcast.com/)

### Grammar

<https://www.bbc.co.uk/bitesize/topics/zhrd2p>

### Places to visit

We are very fortunate to live in an area surrounded by many wonderful places to visit. To support your child's learning this half term, why not consider taking a trip to: The British Museum or The Victoria & Albert Museum.

### Reading

Children in Year 5 have the opportunity to change their reading book once a week or when they have completed their book. Please ensure that your **child is reading for a minimum of 30 minutes six times a week** . We ask that an adult signs their reading record once a week.

# Autumn 2

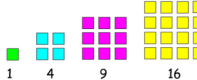
This half term, the children are working towards achieving the target indicated below. The ultimate aim is for your child to be able to recall these facts **instantly**.

To know square numbers up to 12 and their square roots.

**Vocabulary**  
multiplication  
division  
Doubles  
square numbers  
square root

### Square Numbers

Numbers which can be arranged in a square shape - for example:



1	4	9	16	$1 \times 1 = 1 = 1^2$
				$2 \times 2 = 4 = 2^2$
				$3 \times 3 = 9 = 3^2$
				$4 \times 4 = 16 = 4^2$



Write the first six square numbers in ascending order:  
Answer: 1, 4, 9, 16, 25, 36.



Please encourage children to log in to Times Table Rockstars to practise their times tables. They should aim for 5-10 minutes.

$1^2 = 1 \times 1 = 1$	$\sqrt{1} = 1$
$2^2 = 2 \times 2 = 4$	$\sqrt{4} = 2$
$3^2 = 3 \times 3 = 9$	$\sqrt{9} = 3$
$4^2 = 4 \times 4 = 16$	$\sqrt{16} = 4$
$5^2 = 5 \times 5 = 25$	$\sqrt{25} = 5$
$6^2 = 6 \times 6 = 36$	$\sqrt{36} = 6$
$7^2 = 7 \times 7 = 49$	$\sqrt{49} = 7$
$8^2 = 8 \times 8 = 64$	$\sqrt{64} = 8$
$9^2 = 9 \times 9 = 81$	$\sqrt{81} = 9$
$10^2 = 10 \times 10 = 100$	$\sqrt{100} = 10$
$11^2 = 11 \times 11 = 121$	$\sqrt{121} = 11$
$12^2 = 12 \times 12 = 144$	$\sqrt{144} = 12$

How many 10 pence pieces make 50 pence?



A vending machine is broken and only takes 5p coins. How many coins do you need to pay for a bar of chocolate that costs 45p?

A piece of ribbon measure 56cm in total. 8 cm are needed to make a bow. How many bows can we make?

Hit the button  
[Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](#)

What is 8 squared?  
What is 7 multiplied by itself?  
What is the square root of 144?  
Is 81 a square number?