

Maths

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

Computing - Databases

- Learning about the functions of a database.

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

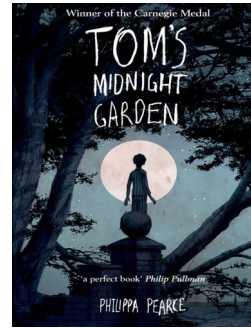
Indoor – Dance: On the Beach

History Why did the Vikings invade Anglo-Saxon Britain? Exploring the lives of Vikings and the impact they have had on Britain.

Metacognition

Enabling Enterprise - Speaking clearly and in a logical order

Text: Tom's Midnight Garden by Philippa Pearce



Year 5 Autumn 2



English

Children will be using inference and comparison skills to identify how a character changes throughout a book. They will be writing monologues to show their understanding of how characters feel as well as their own narrative.

Science Forces and Mechanisms

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

Music Genres (Blues)

Children will learn about the history of Blues music. 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 their bread product.

French How old are you?

Looking at how to give basic information.

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.

Reading

<https://student.readingplus.com/seereader/api/sec/login>

Maths

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

English

[Tom's Midnight Garden \(1999\) Full Movie | Classic Family Fantasy - YouTube](#)

Grammar

<https://www.bbc.co.uk/bitesize/topics/zhrrd2p>

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 each day and signing their reading records. We ask that an adult signs their reading record once a week.

Maths

Key Instant Recall Facts

Autumn 2

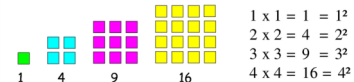
This half term, the children are working towards achieving the target indicated below. The ultimate aim is for your child to be able to recall these facts **instantly**.

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:



$$\begin{aligned}1 \times 1 &= 1 = 1^2 \\2 \times 2 &= 4 = 2^2 \\3 \times 3 &= 9 = 3^2 \\4 \times 4 &= 16 = 4^2\end{aligned}$$

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?