



THE CATHEDRAL SCHOOL
OF ST.SAVIOUR AND ST.MARY OVERIE

Year 5

Half Termly

Overview

Autumn 2

Autumn 2



Maths

The 4 Operations (+ - x /)

A sound grasp of the 4 operations is essential to success in Maths. Below is the highlighted method that we teach at Cathedral school

Supporting Maths at Home:

$$21848 + 1523 = 23371$$

$$\begin{array}{r} 21848 \\ + 1523 \\ \hline 23371 \end{array}$$

$$12731 - 1367 = 11364$$

$$\begin{array}{r} ^6 ^{11} \\ 12731 \\ - 1367 \\ \hline 11364 \end{array}$$

$$56 \times 27 = 1512$$

$$\begin{array}{r} 56 \\ \times 27 \\ \hline 392 \\ + 1120 \\ \hline 1512 \end{array} \quad \begin{array}{l} (7 \times 56) \\ (20 \times 56) \end{array}$$

$$86r2$$

$$5 \overline{) 4332}$$

The remainder can also be expressed as a fraction, $\frac{2}{5}$ (the remainder divided by the divisor): $432 \div 5 = 86\frac{2}{5}$

This half term, we will be focusing on fractions, decimals and percentages. We will be applying the four operations within this area.

HIT THE BUTTON

<http://www.topmarks.co.uk/maths-games/hit-the-button>—This is an interactive website which allows children to practise their times tables and division facts

FRACTIONS

<http://www.topmarks.co.uk/Flash.aspx?f=Fractionsv7>

https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html



English

An Inconvenient Truth—Al Gore

This half term we will be using *An Inconvenient Truth* by Al Gore to discuss global warming. This book is a biographical novel, and is a further chance for the children to be exposed to a wide range of books and genres. During this half term, we are going to create our own fact books, based on our humanities topic of Earthquakes. I am sure you will look forward to reading them!

Some useful strategies in supporting your child's reading development.

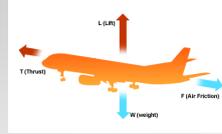
1. **Share an enjoyment for reading with your child. Discuss books that you enjoyed, read in front of them, and take a trip to the library where you can both choose a book to read.**
2. **Ensure that your child is reading three times a week, and support them to complete their reading journal.**
3. **Ask questions to check your child's comprehension of the story.**
4. **Encourage your child to read aloud. This will not only ensure that they are doing their reading, but it will also improve their public speaking ability, and help to develop their confidence. These are skills that they will increasingly rely on as they get older.**

Year 5



R.E. Christianity

During this half term, we are going to be learning about Jesus, and exploring more about why he is known as the Prince of Peace, and why peace is such an important message at Christmas time.



Science Forces

In Year 5, the children are going to be looking at forces. In particular we are going to be looking at Newton's first law of motion, friction, air resistance and water resistance. We will continue to look at Galileo, building on our work from last term. We are also going to look at Sir Isaac Newton.



Geography North America and Earth- quakes

This half term we will be studying North America, and working on improving our map reading skills. Children will be expected to read a compass, read and use six-figure grid references to find locations on a map. In addition, we will also be learning about how earthquakes are caused, and the impact of these on human and physical geography.



Computing Programming

We will be continuing to focus on programming, and this half term we will be moving on to use scratch in order to help us develop an interactive game. As always, E-safety will continue to be an important focus of our lessons, and this half term we will be creating our Digital Citizen pledge.



Art/DT Form

Year 5 will be making their own model of a volcano. We will be studying the shape and colour of volcanoes in order to ensure that our model is as realistic as possible. Please could you bring in some newspapers in advance of our art lesson. Thank you.



P.E. Games - Football

We will be continue to work on our football skills which will enhance our ability to succeed in, and enjoy, game situations. The class will continue to focus on the importance of Sportsmanship. Your child's P.E day is Wednesday. They are advised to bring their kit to school on Monday to avoid forgetting it, and thus missing their lesson.

P.S.H.E—Rights and Responsibilities



As a class, we decided on 3 rights that we would focus on within our classroom to ensure everyone has the best day possible and achieves their full potential.

- Treat other people as you would want to be treated
- Everyone is treated equally and fairly
- Be a good friend to everyone

Homework

Homework will be given on Monday, Tuesday, Wednesday and Thursday. In addition, your child should be reading three times a week.

1. Monday—Spelling and Grammar
2. Tuesday—Reading Comprehension
3. Wednesday—Writing
4. Thursday—Maths