

## English

### Counting on Katherine by Helaine Becker

The children will read this beautiful picture book based on the Katherine Johnson, who was a mathematical genius and put astronauts on the moon. We will revise and consolidate the grammar points for Year 3 and begin to look at the Year 4 objectives for English. Using a variety of aspects of writing, relating to the text we will:



- Description of the Space Race
- Write setting descriptions using fronted adverbials with accurate use of comma
- Write a character description of Katherine
- Write a diary entry, using a range of expanded noun phrases and pronouns to avoid repetition
- Write a letter of application for their dream job
- To write dialogue and incorporate fronted adverbials, common and proper nouns in writing
- Fact file, including quotes, about Katherine Johnson and the Space Race

In WCGR, we will focus on enhancing our skills of how to unpick more complex texts using the techniques of analysing, comprehension, inference, vocabulary, sequencing and dictionary work.

### Our next book *Leon and the Place Between* by Angela



**McAllister & Grahame Baker-Smith.** We will revise previously studied Gateway keys e.g. building setting and character descriptions, increasing our range of sentence structure, use of conjunctions and group related ideas into

paragraphs. Using a variety of aspects of writing, relating to the text we will:

- Observe, Explain, Ask grid
- Setting description from opening clip - The Greatest Showman
- Character recount and setting description
- Diary form man's point of view
- First person accounts
- Secret diary from Leon's point of view

## Maths

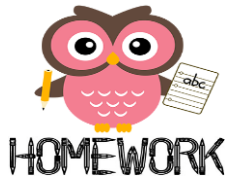
In maths we will start with Place Value. For the first few weeks the children will be counting in multiples of 6, 7, 9, 25 and 1000. We will find 1000 more/less than a given number whilst recognising the place value of each digit. We shall order and compare numbers beyond a thousand and also round numbers to the nearest 10, 100 and 1000.



Further into the term, we will explore addition and subtraction for 4-digit numbers, building on the place value skills we have developed through problem solving and challenges.

We will finish the term by beginning to develop our proficiency in formal written methods for  $\times$  and  $\div$ .

## Homework

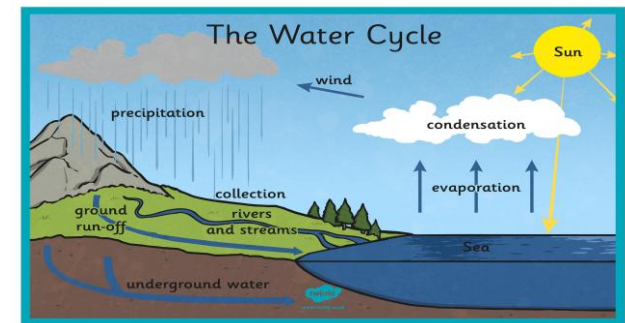
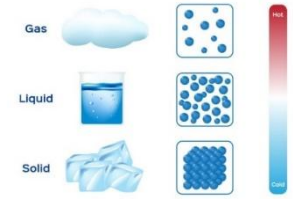


Children will be set homework and spellings on Dojo each Wednesday and any written homework will need to be submitted, via Dojo, by Monday evening at 5:30 pm. The spellings for the whole year, which are Year 4 spelling lists, are on the Year 4 class page on the website for you to access. Homework will be a different spelling list each week and times table based learning and consolidation. In addition to this, **ALL** children are expected to complete **THREE** Reading Plus sessions each week.

Reading Challenge books will be given out as usual and children will be allocated a time frame to complete the books. Please ensure they are returned on time with a detailed and fully completed book review. If children finish their Reading Challenge book early then they will be given a book banded text from school to read. Please ensure that your child reads for at least 10 minutes a day.

## Science

In **Autumn 1** we will be investigating Changing States. We will investigate solids, liquids and gases, looking at what happens to various materials when they are heated and cooled. We will also investigate the roles of evaporation and condensation in the Water Cycle.



In **Autumn 2**, we will be focusing on 'Sound'. In this unit of work we will be identifying at high, low, loud and quiet sounds, observe how they are made and how they change over a distance. The children will participate in an investigation to find out which material absorbs sound the best and make their own musical instrument.



## RE - To Know You More Clearly

Autumn 1 - Creation and Covenant - Season of Creation - the children will study the story of Abraham from the book of Genesis and Imago Dei

Autumn 2 - Prophecy and Promise - Season of Advent - the children will study the lives of Joseph, Elijah and John the Baptist from the Matthew's Gospel



### Is there a darker side to chocolate? (Autumn 1)

### Why did Henry VIII break with Rome? (Autumn 2)



Year 4  
Autumn Term

## Computing

### Animation

The children will be introduced to stop motion animation. Using LEGO, they will work in small groups to create a short animation of a scene from Charlie and the Chocolate Factory.



2BeSafe - Being safe in a digital world - this will be taught like a golden thread throughout the school year in short whole class, interactive, discussion-based sessions.

Effective Searching - in this unit the children will use a search engine to effectively retrieve information and will analyse the contents of the web page for clues about the credibility of the information.



## PSHE



In Year 4 the children learn about how God loves us in our differences. The children will know and understand that they are all different and celebrate these differences, as they appreciate that God's love accepts us as we are and as we change. In our **No Outsiders** program of study we will be reading *Dog's Don't do Ballet*.

Through **Journey in Love** lessons, we will be looking at relationships through positive friendships (including online), how we respond to hurtful behaviour, managing confidentiality and risks online, how data is shared and how we should respect each other's differences and similarities with sensitivity.

## Topic

### Autumn 1 - The Maya

In our topic on the Maya, the children will find out where the Ancient Maya people lived, naming some of the features and cities in them. They will learn about some of the main Maya gods and what they represented; comparing them to rites and rituals today. They learn why corn and chocolate were important foods and be able to identify some reason for this. They will look at how they lived their living conditions and farming. Finally, they will look at how Mayan society was organised and how it compares to modern society today.



**Autumn 2 - Henry VIII and the Reformation of the Church** (including Dissolution of the Monasteries). In this topic we will start off by exploring the Tudor Kings and Queens and how they began their 100 year reign, after the Battle of Bosworth. We will then go onto study:

- Who was Henry VIII? (Family tree/our family tree)
- Was he a good king? (brief outline of his 6 wives)
- Why break away from the church?
- How did his decision to break away from the Catholic Church impact on Tudor life and our life today?

## Music

In line with the new DFE guidance, all music units of work will include reading and writing music notations, improvising, composing, and singing songs.



**Unit 1 - Mamma Mia** - in this unit of work the focus will mainly be around one song written by Abba - Mamma Mia. The children will also listen and appraise other songs performed by Abba eg. Dancing Queen, The Winner Takes It All, Waterloo, Super Trouper and Thank You For The Music

### Unit 2 - Glockenspiel Stage 2

This Unit of Work introduces the children to learning about the language of music through playing the glockenspiel. The learning is focused around exploring and developing playing skills through the glockenspiel



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## Enrichment

In line with our Maya topic we will be participating in a Maya workshop. The children will be fully immersed into the everyday life of living in the Mayan rainforests and the challenges they faced.

## Art/DT

**DT - Storybooks** - during this unit the children will be exploring pop up books and making their own book based on the John Glenn and the Space Race, using a range of techniques to create moving mechanisms.



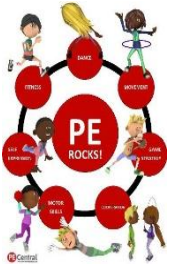
Why is the Tudor period often known as the age of discoveries? (Sir Walter Raleigh/Sir Francis Drake - Mini fact file/comparing significant people in history)

**Art** - the children will be studying Andy Warhol and thinking about how he would he paint Henry VIII in his own unique style. They will use Warhol's blotted line technique, explore his work on celebrities and look at and create his 'Campbells Soup' artwork, use a modern item to create their own image in Warhol's style and finish off by creating one of Henry VIII using Warhol's techniques.



## P.E.

During PE sessions this term the children will be working to enhance and learn new skills in:



**Hockey** - Pupils will learn to contribute to the game by helping to keep possession of the ball, use simple attacking tactics using sending, receiving and dribbling a ball. Pupils will be encouraged to think about how to use skills, strategies and tactics to outwit the opposition

**Gymnastics** - in this unit, pupils create more complex sequences. They learn a wider range of travelling actions and include the use of pathways. They develop more advanced actions such as inverted movements and explore ways to include apparatus.