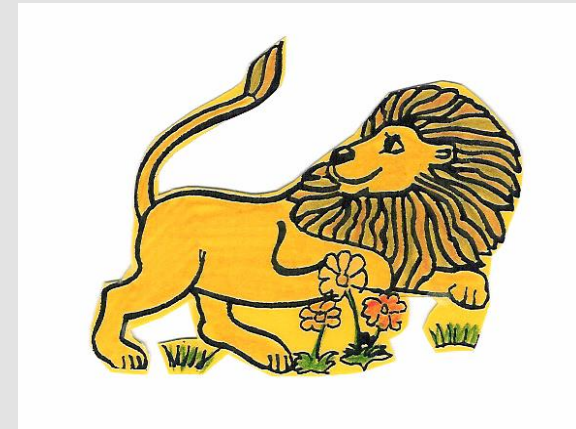


# St. Mark's Primary School

Welcome to Year 5!

September 2024 – Key Information  
Session





## Meet the team

### **Teachers:**

**5P:** Mrs Poole  
(Year Group Leader)

**5DS:** Miss Dulfo-Stagg

**5E:** Miss Eames

### **Other adults:**

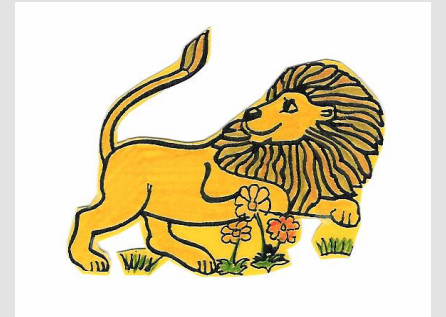
Mr McGill  
Mrs Barr  
Miss Stonehouse  
Mrs Nicholls  
Mrs O'Neill  
Mrs Archibald  
Mrs Anderson  
Mrs Dobell  
Mrs Wood  
Mrs Andrews  
Mrs Avenell  
Mrs Matthews  
Mr Opie

# Q&A

We will have a few Q&A interval breaks throughout to answer any questions you wish to ask.



# Our Topics



# Autumn Term Part 1 Space!

In **Maths** this half term, we will focus on place value and then addition and subtraction. The children will use lots of concrete manipulatives and pictorial diagrams to compare and order numbers up to one million. Within this unit, the children will also cover counting in 10s, 100s, 1000s and 10,000s as well as rounding to the nearest of these amounts. Roman Numerals up to 1,000 will also be explored as well. Towards the end of the half term, the children will be revising, consolidating and then extending their knowledge of the formal written methods for addition and subtraction.

**Science** will be the main topic focus for this half term as we explore the Moon's movement in relation to the Earth and the Earth's movement in relation to the Sun. Using scientific drawings, children will be able to explain how day and night occur and understand why there are different phases of the Moon. The children will also learn about the other planets within our solar system, considering how everything is connected in space and whether connections are important. Spiritual development will also be considered when we look for connections about Earth's creation and compare how 1000 years after the scientist Ptolemy's Geocentric solar system idea, the scientist Copernicus put forward his Heliocentric solar system suggestion. But who was right and how do we know?

Our **RE** will involve considering connections within our own communities and then relating this to connections within communities belonging to other faiths – particularly the Muslim community of Umma. The children will explore the different aspects to Islam and how these connect to those within Umma.

During **French** lessons, the children will be learning about pets! As tu un animal? (Do you have a pet?)

## CONNECTIONS IN SUPERSONIC SPACE

This half term, Year 5 will explore  
the big question:

### Are connections important?

Through our **English**, the children will be continuing their journeys with 'The Write Stuff' and first completing a narrative piece of writing based on an emotive, Space themed video clip. 'One Small Step' is a film about a young girl who dreams of becoming an astronaut and has to overcome many obstacles to pursue her dream. The children will be retelling this story whilst practising their known writing lenses from Year 4 and mastering a few new lenses too. The children will then move on to learning all about the fictional planet – Pandora. Exploring the animal life in this habitat, the children will use their writing skills to create non-chronological reports about a Mountain Banshee, Viper Wolf or a Great Leonopteryx! We can't wait to see what the children produce!

In **PSHE**, the children will be learning how to 'Get HeartSmart' – developing their gratitude, e-safety knowledge and leadership qualities, plus thinking about the importance of quality sleep.

#### Dates for the Diary:

- Thursday 21<sup>st</sup> September at 5.45pm – Year 5 Key Messages Meeting
- Wednesday 18<sup>th</sup> October – Trip to Winchester Science Centre

**PE** will take place twice a week – every Tuesday (dance will be indoors) and every Wednesday (badminton will be outdoors). This will start on Tuesday 10<sup>th</sup> September (Week 2). The children will need to come into school on these days in their PE kits and will remain in them all day – this avoids any need to get changed at school. Please also ensure that any long hair is tied back on PE days and earrings are removed (or taped if they cannot be removed).

In **Art**, the children will develop their colour mixing skills, particularly finding multiple hues of blue to paint pictures of the night sky. They will also experiment with how they can show awareness of composition, organising the foreground, middle ground and background in their work. Creativity will also shine when the children replicate some of Sophie Knight's and Julie Perrot's artwork.

In **Computing**, the children are going to have the opportunity to learn about technology in Space! They will learn how the Mars Rover transmits data back to Earth and begin to explore number in binary, up to eight bits and understand the concept of binary addition too!

In **Music**, the children will learn all about Rock and Roll including learning to do some hand jives and learn to play a walking bass line.

**Reading at home, practising spellings and times table practise will continue to be encouraged this year.**

Please encourage your child to record their home learning in their reading logs.

- Reading 4x a week
- TT Rockstars and Spelling Shed as much as possible

## Autumn Term Part 2

# North America!

In **Maths** this half term, we will begin by finishing our unit on **multiplication & division**. The children will secure their knowledge of multiplying and dividing by 10, 100 and 1,000. We will then start our next unit, which focuses on **fractions**. This will involve finding equivalent fractions, converting between proper and improper fractions, comparing and ordering fractions and finally adding and subtracting fractions. We will also keep testing times tables every week too!

**Geography** will be the main focus for our concept this half term. We will be globetrotting across North America, which includes locating the countries, giving reasons for population density and distribution, and identifying and understanding the significance of key physical and human characteristics within USA, Canada and Mexico. We will be describing and understanding key aspects of physical geography including biomes, cenotes, mountains and canyons!

Our **Computing** this term will continue with the work from last half term on the use of technology in Space. This time, the children will deepen their understanding of digital images and use an online 3D design software to create a new tyre for the Mars rover!

#### Reminders:

- PE every **Tuesday & Wednesday** – the children need to come to school in their warm & well-layered PE kits. Both PE lessons may be outside.
- Please remember to bring coats, water bottles and healthy playtime snacks each day.

Our **RE** will involve considering differences when we look at the significance of interpretation to Christians and the impact on their beliefs and actions. We will be exploring the two different accounts of Jesus' birth by Luke and Matthew and considering whether different interpretations matter to Christians.

## Globe Trotting Around North America

This half term, Year 5  
will explore the concept:  
**DIFFERENCES**  
What makes us all  
different?

Through our **English**, we will begin the half term by learning about what makes an effective travel brochure – practising their non-fiction writing. Independently, they will then create travel brochures for visiting Mexico! After this, the children will be studying the poem 'The Highwayman' by Alfred Noyes and writing their own poems based upon this stimuli. In addition, the children will be writing their own stories to showcase all of their amazing vocabulary, punctuation and grammar learning so far! The children will also be continuing to focus on their grammar, spelling, handwriting, reading fluency and comprehension through discrete lessons across each week.

#### Our Homework expectations stay the same:

- Spellings appear on Spelling Shed every week.
- At least four times a week – Reading, reading, reading! How many raffle tickets can the children achieve? Please sign the children's learning logs.
- As much as possible – TT Rockstars.
- After Christmas, we will be introducing weekly SPAG homework.

**PE** this half term will focus on maintaining a balance, as well as collaborating and co-operating with others in our indoor PE lessons. On Tuesdays, we will be developing skills as basketball players – learning effective ways to pass, shoot and dribble a basketball whilst working as a team!

**Music** will concentrate on unpicking African song and will include an exciting drumming workshop.

**Science** will focus on Properties and Changes of Materials. The children will work scientifically by carrying out tests to answer questions such as 'How can I keep a drink hotter for longer?'. The children will use their retrieval knowledge from Year 4 to create a simple circuit discovering which materials are best to use as an electrical conductor. The children will also explore the best conditions to dissolve sugar in the quickest time and explore the reasons as to why objects are made from specific materials based on evidence and knowledge.

Our **HeartSmart** theme is "Don't Forget to Let Love In" as we explore ways to stay open to the love that is around us and keep ourselves 'topped up' with love. The children will also be learning some basic first aid skills during some additional PSHE lessons.

We will be researching and investigating a range of bridges to begin our unit of structures in **Design and Technology**. We will look at their designs and explore the strength of beam, arch and truss bridges. After our investigations, the children will use a variety of tools to cut and join wood to create their own bridge.

In **French**, we will focus specifically on saying and writing days, dates and months.

Spring Term



# Europe

# The Tudors



Summer Term

# Black and British





# Ancient Greece

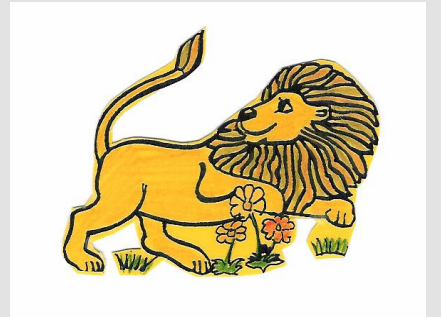


# English

 Sentence  
Stacking  
Lesson

 Experience  
Lesson

 Independent  
Writing  
Sequence



<b>F</b>	<b>A</b>	<b>N</b>	<b>T</b>	<b>A</b>	<b>S</b>	<b>T</b>	<b>I</b>	<b>C</b>
Feeling 	Asking 	Noticing 	Touching 	Action 	Smelling 	Tasting 	Imagining 	Checking 
<b>GRAMMATISTIC</b>								
Adverbs and Adverbial Phrases 	Basics 	Sentence Structures 	Dialogue and Contracted Forms 	Purpose 	Paragraphs 	Passive/Active Voice 	Past and Present Tense 	Punctuation 
<b>BOOMTASTIC</b>								
Onomatopoeia 	Alliteration 	Rhyme 	Repetition 	Simile 	Metaphor 	Pathetic Fallacy 	Pun 	Personification 

# La Luna



# Pandora

## Non-chronological report

### The Hexapede - An Amazing Animal!

These incredible animals, which are highly adaptable deer-like creatures, reside in various biomes of Pandora. Most species would succumb to this planet's suffocating humidity in a matter of minutes, but the diverse landscape of Pandora has proved to be the most perfect environment for one of the hardest herbivores ever to have lived: the hexapede.

#### Easy prey or escapologists?

You might think of the hexapedes as docile, quiet and fragile, with their delicately shaped bodies (around 6 feet tall - slightly taller than the average man), but they have a selection of skills up their sleeve to make themselves appear more intimidating as well as being great detectives. Because the hexapede is probably one of the most hunted animals on Pandora, it has developed a range of defence mechanisms: a retractable fan which is structured by twin horns that sheath a thin, patterned membrane; a feathery scent organ which samples the air as an early warning; and a membrane which helps to amplify the sound of nearby predators.

#### Their behaviour is their saviour!

Incredibly, these passive creatures have little hostility either among their own herd or in the presence of a predator: they are the peacemakers of Pandora despite being a popular choice of prey. Hexapedes, which are only moderately fast runners, can weave, bob and turn to grab the best prey in the grasslands. Unfortunately, when they venture into the forest for food, a lack of manoeuvring room limits their strategies of escape and so they become the prey and not the predator.

#### Importance

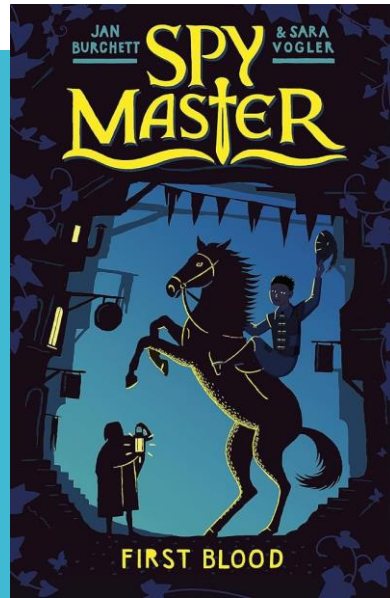
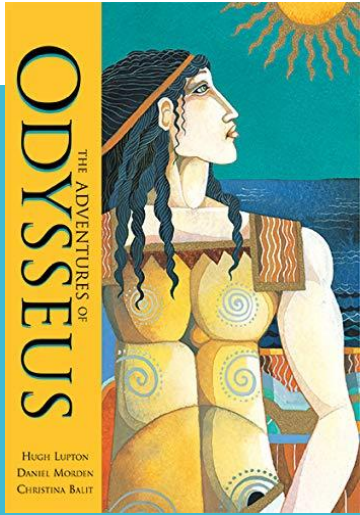
Because they breed so rapidly, hexapedes are not under threat of extinction. Unluckily for many inhabitants of Pandora, they are one of the main animals responsible for the survival of the Na'vi. Despite aiding the enemy of so many, its image is represented on the war banner of several clans, and the animal is often depicted on shields and in carvings - the sign of a truly admired animal.



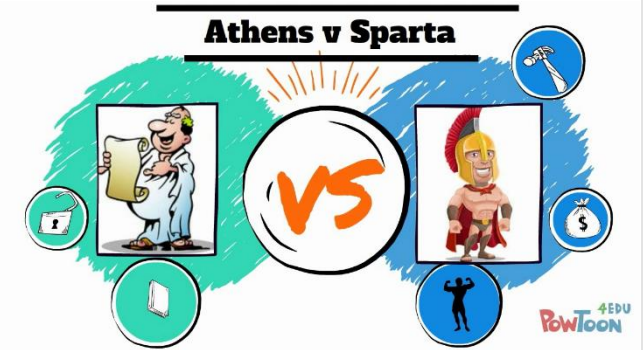
This image of a hexapede shows its dark blue colour, piercing white and yellow stripes and its retractable light-coloured fan.

Have a hexa-read of these three fascinating facts...

- Hexapedes can be found roaming around the rainforest, the savanna, the subarctic tundra and in the mountainous regions of Pandora.
- Their eyes are wide-spaced and large, and they have sloped snouts that end in a small bifurcating jaw.
- Some of their most favourite food includes tree bark, various leaves and berries found in the forests.



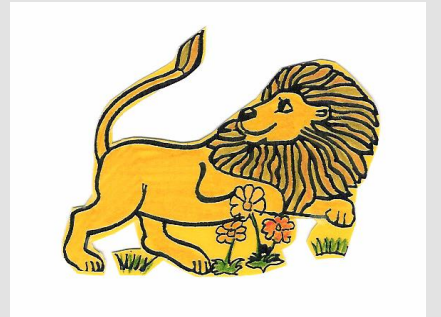
# Writing Stimuli

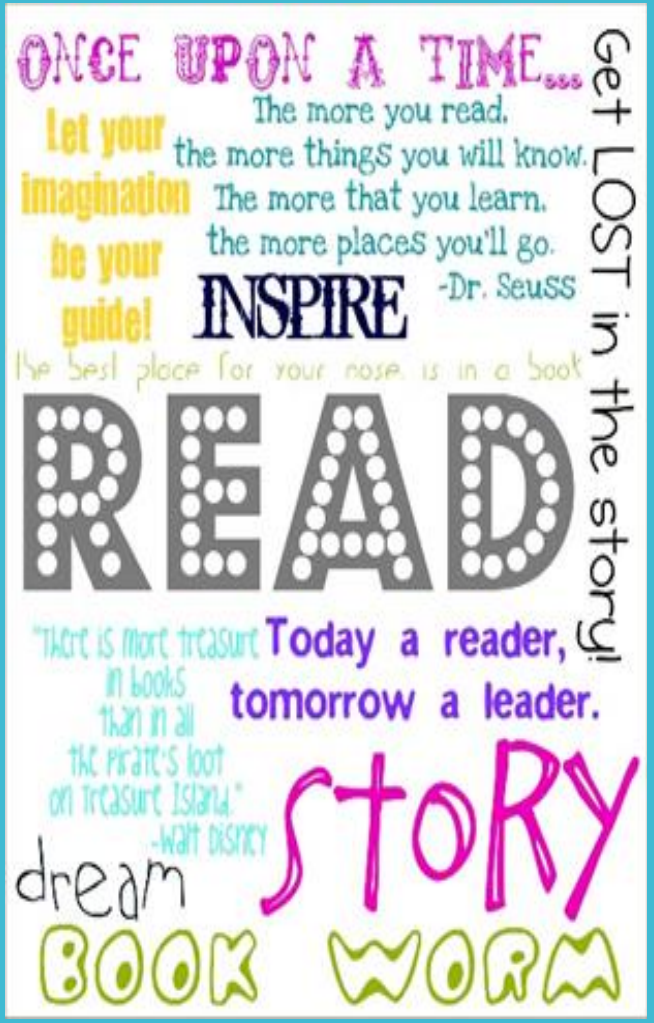


# Reading

“Reading is the gateway skill that makes all other learning possible.”

—Barack Obama



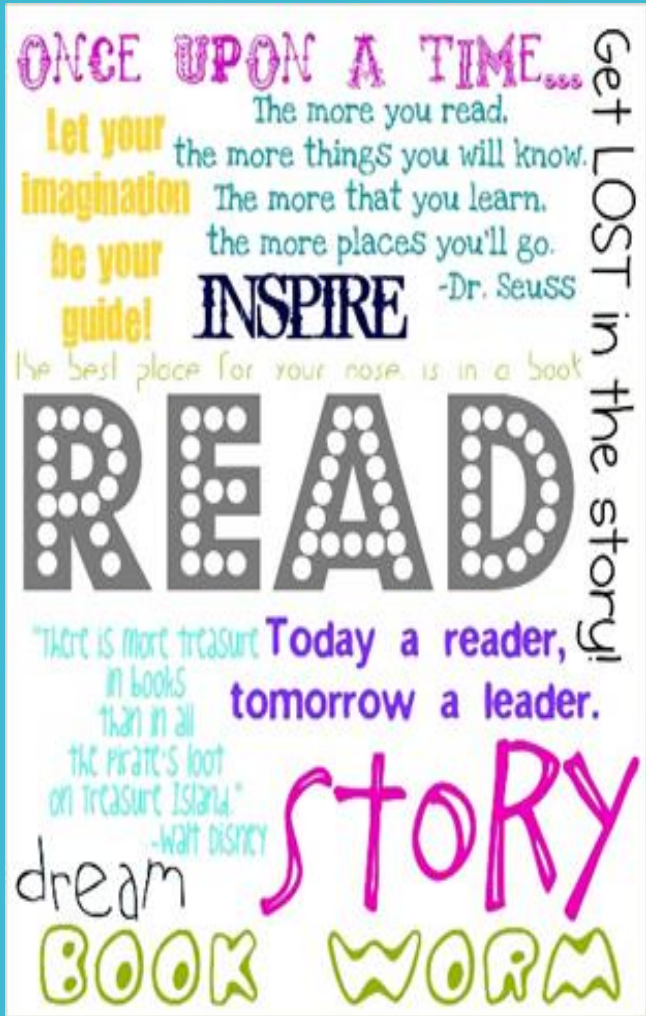


Books that will come home each week:

- Book Banded Book (matched to your child's ability)
- A library book

Once your child has finished their book, it can be changed in the morning during EMW or during silent reading times in class.

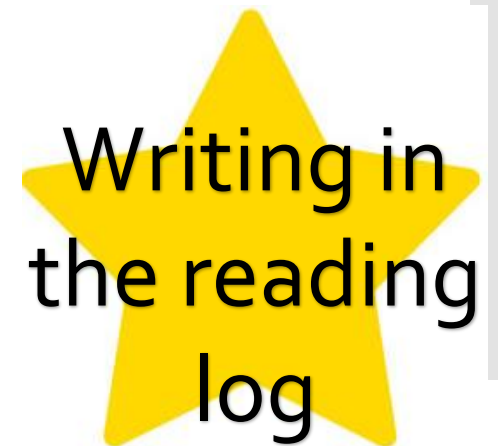
We ask that each child reads at least 4 times per week. Please could you sign their reading log after your child has read.



Each time your child has read 4 times per week, they will receive a raffle ticket that will be put into a raffle box.

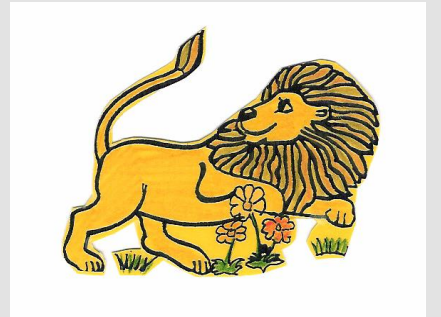
One ticket will be drawn from the raffle box and a book prize will be awarded at the end of each half term. The more tickets that each child has in the pot, the better their chance of winning!

Star reader certificates will also be awarded by the teacher each week in Celebration Worship on a Friday.





# Spelling



Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Step 1: Words ending in '-tious' and '-ious'	Step 7: Words ending in '-ant'	Step 13: Words ending in '-able', where the 'e' from the root word remains	Step 19: Words with 'ie' after 'c'	Step 25: Words that are homophones or near homophones	Step 31: Words with hyphens
Step 2: Words ending in '-cious'	Step 8: Words ending in '-ance' and '-ancy'	Step 14: Words that are adverbs of time	Step 20: Words where 'ei' can make an /ee/ sound	Step 26: Words that are homophones	Step 32: Challenge Words
Step 3: Words ending in '-cial'	Step 9: Words ending in '-ent' and '-ence'	Step 15: Words with suffixes where the base word ends in '-fer'	Step 21: Words where 'ough' makes an /or/ sound	Step 27: Words that are homophones	Step 33: Revision words
Step 4: Words ending in '-tial'	Step 10: Words ending in '-able' and '-ible'	Step 16: Words with 'silent' first letters	Step 22: Words containing 'ough'	Step 28: Words that are homophones or near homophones	Step 34 Revision words
Step 5: Words ending in '-cial' and '-tial'	Step 11: Words ending in '-ably' and '-ibly'	Step 17: Words with 'silent' letters	Step 23: Adverbs of possibility and frequency	Step 29: Words that are homophones or near homophones	Step 35: Revision words
Step 6: Challenge Words	Step 12: Challenge Words	Step 18: Challenge Words	Step 24: Challenge Words	Step 30: Challenge Words	Step 36: Revision words





## Helping at home

- Spelling shed (minimum of 20 minutes across the week)

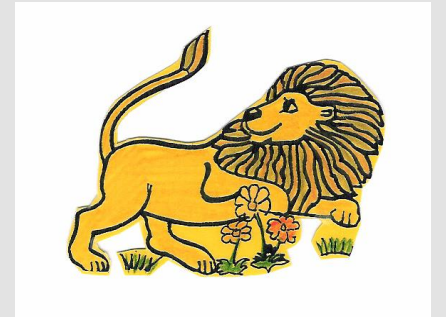
# Q&A



Interval



# Maths



Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Autumn term

Number

Place value

VIEW

Number

Addition and subtraction

VIEW

Number

Multiplication and division A

VIEW

Number

Fractions A

VIEW

Spring term

Number

Multiplication and division B

VIEW

Number

Fractions B

VIEW

Number

Decimals and percentages

VIEW

Measurement

Perimeter and area

VIEW

Statistics

VIEW

Summer term

Geometry

Shape

VIEW

Geometry

Position and direction

VIEW

Number

Decimals

VIEW

Number  
Negative numbers

VIEW

Measurement

Converting units

VIEW

Measurement  
Volume

VIEW

# Flashback Maths

## Flashback Maths – Week 3

$287 + 976 =$ $5 \times 4 =$ $50 \times 40 =$ Write the next 3 numbers 9,997, 9,998, _____, _____, _____ What is the value of 8 in 736,811? 5,122 to nearest 100 =	$1,728 + 427 =$ $3 \times 6 =$ $300 \times 6 =$ Write the next 3 numbers 99,997, 99,998, _____, _____, _____ What is the value of 6 in 64,127? 15,122 to nearest 100 =	$13,746 + 2,988 =$ $7 \times 3 =$ $70 \times 300 =$ Write the next 3 numbers 399,997, 399,998, _____, _____, _____ What is the value of 4 in 49,115? 185,774 to nearest 100 =	$107,445 + 4,229 =$ $8 \times 6 =$ $80 \times 6 =$ Write the next 3 numbers 999,997, 999,998, _____, _____, _____ What is the value of 2 in 298,764? 799,804 to nearest 100 =
Joseph has 17 sweets. He is sharing them between 3 friends. How many sweets will be left over?	Sophie has 59 sweets. She is sharing them between 5 friends. How many sweets will be left over?	Ben has 53 sweets. He is sharing them between 4 friends. How many sweets will be left over?	Matt has 73 sweets. He is sharing them between 6 friends. How many sweets will be left over?





# Times Tables

# Diamond Dashes

# Dynamite Challenges



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Skip Count in 1s, 2s, 5s and 10s					
Year 2	Skip Count in 2s, 5s and 10s	2 x÷ 1 x÷ 0 x÷	10 x÷	5 x÷	Revision	Revision Skip Count in 3s
Year 3	Revision	3 x÷	4 x÷	8 x÷	11 x÷	Revision
Year 4	6 x÷	9 x÷	7 x÷	12 x÷	Revision	<b>Year 4 Multiplication Tables Check</b>
Year 5	Revision				Revision and squares	Revision and cubes
Year 6	Revision and derived facts					



**Helping at home**  
Times Table Rockstars  
(minimum of 20 minutes  
across the week)

# Science

“ The important thing is to never stop questioning. ”

Albert Einstein

MADE FOR SCHOOL

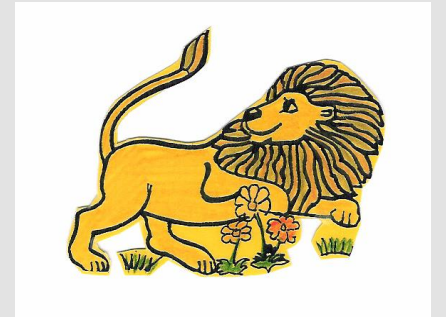


# Year 5 Scientists



Term	Subject
Autumn 1	Earth & Space
Autumn 2	Properties and changes of materials
Spring 1	Properties and changes of materials
Spring 2	Forces
Summer 1	Living things and their habitats
Summer 2	Living things and their habitats, with animals, including humans

# Home Learning



# Homework



- Daily Reading (at least 4 times a week and writing in the log)
- Spelling Shed (minimum of 20 minutes a week)
- Times Tables Rockstars (minimum of 20 minutes a week)
- From Spring Term, CGP SPaG books will be sent home with a 10-15 minute short task to complete.

\*Times tables disclaimer\*

By the end of Y4, children should know their tables up to  
12x12.

Practise, practise, practise!

# School Trips





# What is the plan?



Autumn Term	Spring/Summer Term
<p><b>Winchester Science Centre</b></p> <ul style="list-style-type: none"><li>– Friday 18<sup>th</sup> October</li><li>- Permission slips completed please</li><li>- Children in school as close to 8.30am as possible</li></ul>	<p><b>Forest School</b></p> <ul style="list-style-type: none"><li>- Spring 1 (ASC)</li><li>- Spring 2 (am)</li><li>- Summer 2 (pm)</li></ul> <p><b>Can you volunteer?</b></p> <p><b>Swimming Summer Term-</b></p> <ul style="list-style-type: none"><li>- Catch up sessions TBC. We will let you know soon if this applies to your child (25m expectation).</li></ul> <p><b>Brighton Hill Taster Day</b></p> <ul style="list-style-type: none"><li>- Date TBC</li></ul>

# Open Evening at Secondary Schools



**Join our  
Open Evening**

Monday 30th September  
6:00pm - 8:00pm

 **Brighton Hill  
Community  
School**  
Making success inevitable

**Open  
morning  
tours**

Tour and presentation  
2nd - 4th October  
9:00am - 10:15am

Tour no presentation  
9th - 11th October  
9:00am - 9:30am

Please contact the  
school to book your  
Open Morning visit

01256 350606  
reception@brightonhill.  
hants.sch.uk  
brightonhill.hants.sch.uk

Please note there is no  
need to book for the  
Open Evening.

- Other secondary schools have dates for open evenings listed on their websites
- Open days for the children normally happen in the Summer term
- We take the children to Brighton Hill for the day
- You can book other taster days direct with the school.

# Q&A



Interval



Thank you!

Notices:

- Snacks for break time please – fruit or veg
- Coats
- Book folders
- PE kits on Tuesdays & Wednesdays – hair tied back and earrings taped
- Going home arrangements – please keep us up to date

Remember to use the year group email address to contact us if you need to speak to us:

[year5@stmarksce.org.uk](mailto:year5@stmarksce.org.uk)