

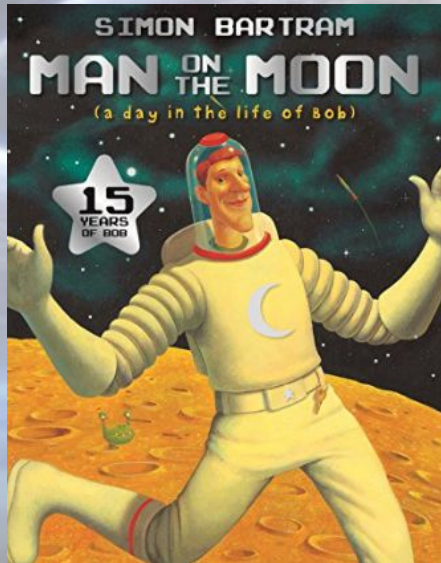


# Be all you can be

## Hayes School

Year 2 Curriculum Plan: Autumn 2, 2023

The Big Question: What did Neil Armstrong mean by 'that's one small step for man, one giant leap for mankind'?



Responsibility Success Aspirations Resilience Discovery Friendship



At Hayes, we strive for our children to push beyond any perceived idea of potential, to be all they can be, regardless of background in order that they leave us as good human beings - happy, kind and responsible. Our curriculum is integral in shaping the children to become independent and life-long learners. At Hayes, we also aim to equip our children with the ability to 'think' in order to make sense of an ever-changing world. Our curriculum has been designed, with thinking at its heart, to achieve our ultimate vision - all children will live fulfilling and happy lives, being all they can be.

# Big Questions

## BIG Question

What did Neil Armstrong mean by 'that's one small step for man, one giant leap for mankind'?

## History Questions

Who was Neil Armstrong?

Who is Mae Jemison?

How has flying changed over time?

How have space vehicles changed over time?

What was the impact of the 1969 Moon Landings?

## Art Questions

**Who is Peter Thorpe?**

Can I share my ideas and experiences through my artwork?

Can I show pattern, line and shape in my artwork inspired by the work of Peter Thorpe?

A cosmic background featuring a large planet with rings, a bright nebula, and a crescent moon against a starry sky.

## **Early Reading**

**At Hayes, we strive to ensure that all children become confident and competent readers as well as developing a life-long love of reading. Through a rigorous daily phonics programme, all children develop their word reading and comprehension skills which they can apply across the curriculum. Here we also aim to develop children's vocabulary, allowing them to understand and make ambitious word choices.**

**As a parent/carer you play an important role in this journey and are actively encouraged to help and support along the way.**

## **Context of the Learning Experience**

The children will be taught to develop an awareness of the past using words and phrases to describe the passing of time linked to the history of space travel. They will know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They will use a wide vocabulary of everyday historical terms, asking and answering questions, choosing and using parts of stories and other sources to show that they know and understand key features of events. The children should be able to understand some of the ways in which we find out about the past and identify different ways in which it is represented. We will also focus on the artwork of Peter Thorpe to revise and further develop the children's painting skills and their knowledge of pattern, line and shape to create a whole class space and rockets image.



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## Year 2: Autumn 2 2023

### ENGLISH

- We will learn to be able to retell the story of Man on the Moon in the correct sequence, write questions to ask an astronaut and write short captions as well as rewriting the story in our own words. We will also write in role pretending that we have spent a day on the moon and write a diary entry to describe the excitement we had. We will also write a Biography based on the astronaut Mae Jemison.

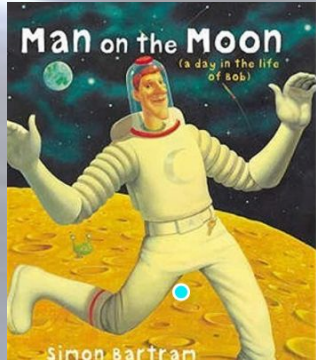
### MATHS

- This half term, the children will be continuing their learning in addition and subtraction and applying this to everyday problems involving money. The children will also begin to develop their knowledge of multiplication and division for the remainder of the half term. Additionally, they will continue to develop their use of models and images to help them complete calculations, reason about mathematical concepts and solve problems, choosing their own strategies, as appropriate.

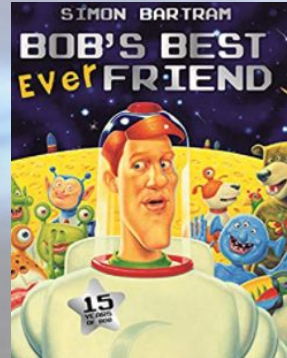
# English- Texts

## Main text:

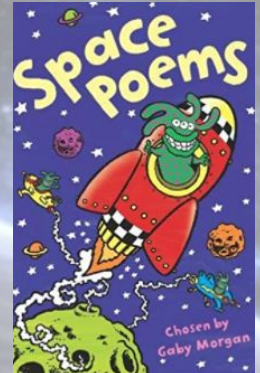
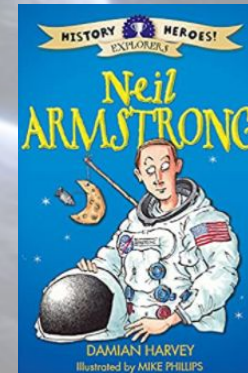
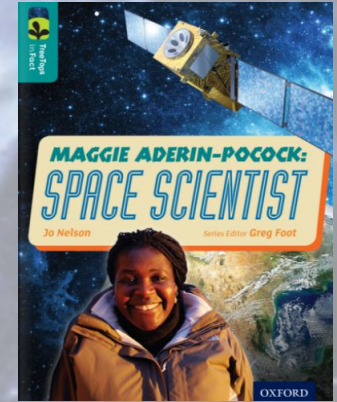
Man on the Moon by  
Simon Batram













Bob's Best Friend Ever by Simon Bartram  
Bob and the Moontree Mystery by Simon Bartram












## Supporting texts:



# History- key vocabulary

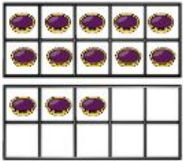
Know words		
	Timeline	A tool to organise events in the order when they happened.
	Astronaut	A person trained to travel in a spacecraft
Grow words		
	Discovery	the finding or uncovering of something
	Mission	an important assignment given to a person or group of people, typically involving travel
	Significant	great or worthy of attention
	Space Shuttle	a rocket-launched spacecraft used to make repeated journeys between the Earth and space.
	Moon	Earth's closest celestial body which moves in an elliptical orbit around the planet.
	ISS	International Space Station
Show off words		
	Legacy	the long lasting impact of particular events
	Chronological	the order in which something happens

# Art- key vocabulary

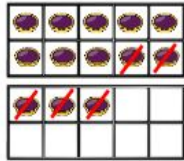
Know words		
	Colour	What you see when light shines off an object.
	Pattern	An arrangement of lines or shapes, especially a design in which the same shape is repeated.
	Space	The area directly outside of Earth's atmosphere.
	Artist	A person who creates art (such as painting, sculpture, music, or writing) using skill and creative imagination.
Grow words		
	Abstract	A type of art that doesn't represent images of our everyday lives. It has colours, lines and shapes, but they are not designed to represent actual objects.
	Style	
		Describes why an artwork looks the way it looks.
Show off words		
	Observe	Looking at all the details such as lines, shapes, colours, and patterns.
	Texture	
	Evaluate	Responding to and making opinions about artwork.

# Maths - models and images - subtraction

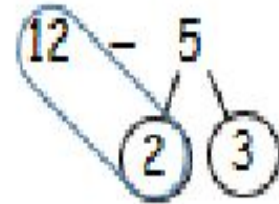
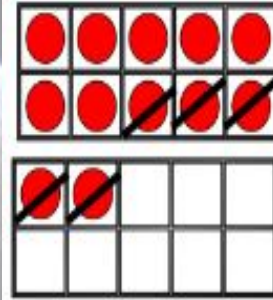
First there were 13  
jam tarts



Then 5 were eaten

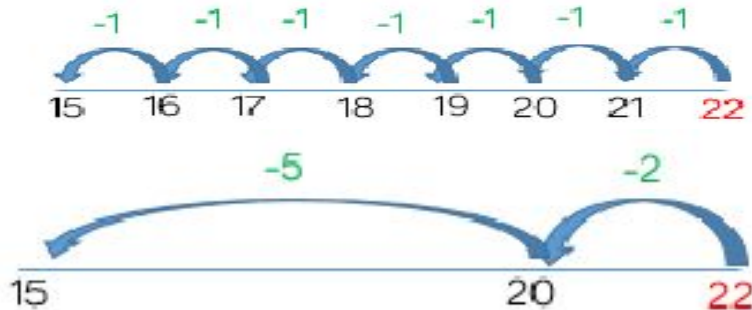


Now there are 8  
jam tarts.

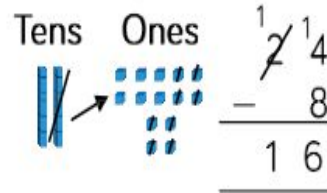


$$\boxed{10} - \boxed{3} = \boxed{7}$$

$$22 - 7 =$$



Subtract 8 from 24



- Do we have enough ones to take 8 ones away?
- Exchange one ten for ten ones.
- Take away 8 ones.
- Can you write this using the column method?

# Maths - models and images

## Multiplication and Division

How many apples are there? Complete the sentences.



$$5 + 5 + 5 + 5 = \underline{\quad}$$

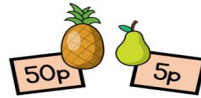
There are      apples.

There are      groups of      apples which is equal to     



$$5 + 5 + 5 =$$

- 1) Tommy buys a pineapple and a pear.  
He pays with a £1 coin.



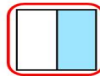
How much change will he receive? **45p**

- 2) Write  $<$ ,  $>$  or  $=$  to compare the amounts.



3)  $26 + 15 =$  41

- 4) Which show one half?



Array	Description - columns	Description - rows	Totals
	5 columns 2 cookies in each column	2 rows 5 cookies in each row	$2 + 2 + 2 + 2 + 2 = 10$ $5 + 5 = 10$
	<u>    </u> columns <u>    </u> donuts in each column	<u>    </u> rows <u>    </u> donuts in each row	
	<u>    </u> columns <u>    </u> fish in each column	<u>    </u> rows <u>    </u> fish in each row	
	3 columns 5 cupcakes in each column	5 rows 3 cupcakes in each row	



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Year 2: Autumn 2 2023

### SCIENCE

The children will study how animals remain healthy noticing how animals including humans have offspring which grow into adults. They will find out about and describe the basic needs of animals, including humans, for survival (water, food and air). The children will describe the importance for humans of exercise, eating the right amounts of food and hygiene. The children will be working scientifically to ask questions, observing closely using simple equipment and performing simple tests to identify and classify. They will improve their recording skills and use data to answer simple questions.

### COMPUTING

Our learning for this half term will be based around the Purple Mash unit on creating pictures. The children will create their own version of Peter Thorpe images using the creative picture tools, trying to mirror the skills learnt in our art lessons.



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## Year 2: Autumn 2 2023

### Driver Subject: History

- Through our History topic, we will the children will be taught to develop an awareness of the past using words and phrases to describe the passing of time linked to the history of space travel. The children will know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They will use a wide vocabulary of everyday historical terms, asking and answering questions, choosing and using parts of stories and other sources to show that they know and understand key features of events.

### Driver Subject: Art

- The children will learn about artist Peter Thorpe. We will discuss the children's thoughts and opinions of the artwork and look at different art techniques that we can use to replicate them including pattern, line and texture. Using his work as inspiration, along with our discussions and ideas, we will then create our own whole class picture in his style.



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## Year 2: Autumn 2 2023

### RE

What does it mean to belong to a faith community?  
Recognise that loving others is important in a community, say what Jesus and other religious leaders taught about loving others.

Discuss traditional welcome ceremonies and discuss symbols, identify ways two people show love for each other when they get married. Give examples of how people express their identity and talk about what is good about belonging to a community.

### PSHE/SRE

Do we understand the terms 'pollution', 'recycling' and 'global warming'?

The children will learn about the many forms of pollution and think about how small steps to reduce it can make a big difference. We will consider the term 'global warming' and discuss what we can do to help make a difference in slowing it down. We will also look at the problems that waste plastics cause and consider how encouraging recycling can make a difference.

### PE: INVASION GAMES

Can we kick and dribble a ball with control and accuracy?  
The children will learn to roll a ball to hit a target and develop coordination to stop a rolling ball with accuracy. They will develop technique and control when dribbling a ball with their feet and their hands and develop control, technique and co-ordination when kicking, rolling, throwing and catching a ball.

### MUSIC

How does music teach us about the past?

We will learn to sing three songs and we will practise playing along with a tune using the xylophones. We will also listen and respond to different styles of music and compose our own graphic scores along to the songs.