

## Geography

What are the similarities and differences between my region and the Western United States?

*Building knowledge of world's countries (focussing on North America) and studying the human and physical characteristics.*

## Science

Why do shadows change their size?

Why do we get more daylight in Summer?

Why don't we fall off the Earth?

*Understanding the relationship between the Earth, Sun and Moon and the forces that act between them.*

## History

How has technological developments allowed us to journey further into space?

Who won the space race?

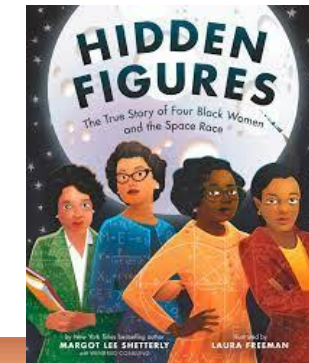
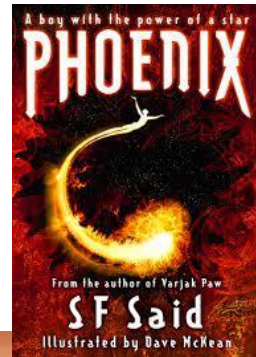
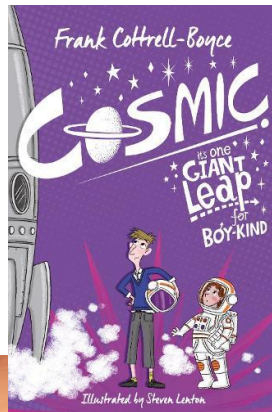
*Reflecting on how, over time, scientists and technological developments have increased our understanding of the solar system*

## Design Technology

How can we lift something that's very heavy?

How can we make it easier to cycle up a hill?

*Understanding how simple pulleys, levers and gears work.*



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*Creating the future, today.*



**Year 5**

*Spring: Earth and Space*

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Place value Addition and subtraction Multiplication and division	Multiplication and division Fractions Shape	Multiplication and division Fractions	Decimals and percentages Area and perimeter	Statistics Shape Position and Direction	Decimals Negative numbers Converting units Volume
English	<p><b>Hook: Treasure (Literacy Shed)</b> Writing to entertain and inform: Setting description, Diary entry</p> <p><b>Hook: The Lego Story (Literacy Shed)</b> Writing to inform: Biography</p> <p><b>Hook: The Alchemist's Letter (Literacy Shed)</b> Writing to entertain: Narrative</p>		<p><b>Hook: Curiosity by Markus Motum/Tabula Rasa (The Literacy Shed)</b> Writing to inform: Report</p> <p><b>Hook: Wing (Literacy Shed)</b> Writing to entertain: Poetry and Narrative</p>		<p><b>Hook: Day of the Dead (Literacy Shed)</b> Writing to inform and persuade: Non-chronological report and Advertising</p> <p><b>Hook – Francis (Literacy Shed)</b> Narrative</p>	
Science	<p><b>Properties and changes of materials</b></p> <p>Can all materials be used to make the same thing?</p> <p>Can changes to materials be reversed?</p>	<p><b>Working Scientifically</b></p> <p>Can I test the suitability of materials for different purposes?</p> <p>Can a separate a mixture?</p>	<p><b>Earth and Space</b></p> <p>Are we the same age on every planet?</p> <p>Why do shadows appear to move?</p> <p>Why is there more daylight in summer?</p>	<p><b>Forces</b></p> <p>Why can't I run through water?</p> <p>Why do I slip on ice?</p>	<p><b>Living things and their habitats</b></p> <p>How can plants make more of themselves?</p> <p>Do all animals live to the same age?</p>	<p><b>Animals including humans</b></p> <p>Do humans have the same lifecycle as other animals?</p>

## Music

**How does music improve our world?**

What is a protest song?

**How does music teach us about our community?**

Why is it important to play music together?



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## PE

### Swimming

How can I keep safe in the water?

How can I improve my stroke technique?

**Games** – Tag Rugby & Football

How can we defend and attack as a team?

How can I keep control of the ball?

## Computing

### Analysing Data

(Using and creating databases)

How can I search a database efficiently?

What kind of information can I put into a database?

### We are researchers

(Exchanging and Sharing Information)

How do I know which information is accurate?

**Spring  
2024**

**PE days: Wednesday and Thursday**

**Swimming: Thursday**

**Homework: Given on a Wednesday,  
handed in on Monday**

**Reading Records: Handed in on a  
Monday**

## PSHE

### Living in the Wider World

How can we look after our environment locally, nationally and globally?

What is the purpose of different types of media?

What does it mean to have 'ambition'?

## RE

If God is everywhere, why go to a place of worship?

## Spanish

### Clothes

How can describe the clothes that I wear?

### Sports

How can I say what my favourite sport is?

## Art & Design

How can we use a variety of media to capture the energy and spirit of land or city scapes?