




Autumn 1: Year 5		Theme: Space and the Universe		
Core texts	Writing	Shared Reading		Class Novel
	 <b>Author: Stephen Hawking</b>	 <b>Author: Stephen Hawking</b>		 <b>Author: Frank Cottrell Boyce</b>
	Learning topic (Big Question)	Key questions		Key Vocabulary
English	<b>George's Secret Key to the Universe</b> <b>What is the purpose of our writing? Who are the audience? What effect do you want the writing to have on the reader?</b>	What is the prof-forma of a persuasive letter? What is a non-chronological report and its purpose? Which literary features suit different text types and what is their effect on the reader? Why is it important to manipulate our reader? Which character's perspective do you most agree/disagree with and why?		Identity, character, sublime, universe, portal, conflict, galaxy, artificial intelligence, ecological, protest.
Maths	<b>Place value</b> <b>Addition, Subtraction, Multiplication and Division</b> <b>Can you compare numbers by size?</b>	<b>Place Value</b> <ul style="list-style-type: none"><li>• Rounding to the nearest 10, 100, 1000, 10,000</li><li>• Place value with numbers to a million.</li><li>• How do we use and recognise Negative numbers</li><li>• Comparing numbers by size</li></ul>	<b>Addition, Subtraction, Multiplication and Division</b> <ul style="list-style-type: none"><li>• Working with more than four digit numbers.</li><li>• Looking at one and two digit exchange</li><li>• Inverse operations</li><li>• Multi-step worded problems.</li></ul>	Place value, exchange, partition, represent, multiple, inverse, minus vs negative
Science	<b>Space and the Universe</b> <b>What is the universe?</b>	Can you describe the movement of the Earth, and other planets, relative to the Sun in the solar system? How does the Moon move relative to the Earth? Can you Describe the Sun, Earth and Moon as approximately spherical bodies Why do we have night and day and how does the Earth's rotation create this?		Solar system, galaxy. Milky way, comet, satellite, sphere, gravity, black hole
Geography	<b>North America</b> <b>What are the similarities and differences across countries on this continent?</b>	What is a time zone? What flora and fauna can be found in different biomes? How do people live in different parts of the continent? What is the difference between climate and weather?		Meridian line, Greenwich, continent, biome, habitat, horizon, mean, tourism
Religious Education	<b>Worship</b> <b>Why is prayer important to religious believers?</b>	What do the words of key prayers, like the Lord's Prayer or the Fatiha, tell us about what Christians and Muslims believe about God?How does praying with others in a mosque, church, or gurdwara differ from praying alone, and why is both important? Why might a person's reasons for praying change depending on their situation (e.g., saying thank you, asking for help, or saying sorry)?		Prayer, worship, hadith, denomination, fatiha, Lord's prayer, Mool Mantar
PSHE	<b>Families and Relationships</b> <b>What makes a good friend?</b>	Why are friends important? What are the ups and downs of friendship? What is bullying and how can we get help?		attributes, bullying, bystander, friendship, victim, race, racism, stereotyping
PE	<b>Swimming</b> <b>How long can you swim for?</b>	Can you stop and stand up when swimming? Why do we sink when we try to swim? How long can you swim without getting tired? Can you swim with your head always above water?		Breaststroke, breathing, technique, float, pools, safe
Computing	<b>Online Safety</b> <b>How do we stay safe online?</b>	What are SMART rules? What is a strong password? How do we keep our personal information safe? What are the permitted ages for different social media accounts?		Open source, closed source, software, hardware,
Art	<b>Drawing</b> <b>How do I see in the dark?</b>	Which techniques made Peter Thorpe stand out from the rest? How does light or darkness change the mood of the artwork? Which techniques help to create tone? Why would an artist pick the medium of chalk or oil pastel? Which effects can be		lines, shapes, forms, blend, tones, light, dark unique, mood, illustration

**PE Day:**  
Tuesday: Swimming

**Please remember to read with your child every day!**  
Remind your children to log on to Bedrock to complete vocabulary activities.

**BSL:** our BSL lessons will take place every Friday.

**Roding Learning Behaviours**  
Respect, compassion, curiosity, independence, resilience and ambition