

Subject		Information
Theme / Science	Our Solar System	<p>Through this unit, children will understand about the relative movement, shapes and sizes of the Earth, Sun and Moon. They will also learn about the rest of the solar system and human's exploration of space. Children find fascinating facts about the Sun, Moon & Earth & develop an understanding of day & night, the four seasons & the Moon's phases. The Sun & the planets making up our Solar System are investigated, along with the other stars in their constellations. Science Objectives covered in this unit include:</p> <ul style="list-style-type: none"> • Describe the movement of the Earth, and other planets, relative to the Sun in the solar system • Describe the movement of the Moon relative to the Earth • Describe the Sun, Earth and Moon as approximately spherical bodies • Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky
Maths	<p>Addition and Subtraction</p> <p>Multiplication and division</p> <p>Statistics</p>	<p>Multiply and divide numbers mentally drawing upon known facts.</p> <p>Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.</p> <p>Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.</p> <p>Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.</p> <p>Learn the Key Instant Recall Facts (KIRFs) by doing regular daily practise for short amounts of time, i.e. 5-10 minutes. In Year 5, they need to know all the times tables and the related division facts, e.g. $132 \div 12 = 11$; it is essential that these are practised on a daily basis until they are secure. After that, they will need to know decimal number bonds to 1 and 10, factor pairs of a number (within the times tables, e.g. 56 has 7&8 as a factor pair) and then prime numbers.</p>
English	<p>Biographies</p> <p>Recounts</p>	<p>Within English this term we will use our topic of Space to create some interesting and informative pieces of work. We will write a biography about Neil Armstrong, detailing the life of this influential man and his journey into space. Using our knowledge and understanding from lessons in science, we will create some information texts explaining how the Earth gets its seasons and then we will be looking at becoming authors – creating our very own space stories to go and read to children across school.</p> <p>Alongside all of this, we will continue to look at lots of different aspects of our grammar, spelling and punctuation with lots of these elements of our writing forming our targets over the next term. Please ensure children are regularly practising their spellings for the half-term (there's an overview for the year in their Learning Log) and being given lots of opportunities to read, write and say these words at home.</p>
Jigsaw: PHSE	Being me in my world	Using our PSHE Jigsaw scheme of work, we shall be using a range of activities to help us understand that cultural differences sometimes cause conflict, understand what racism is, how rumour-spreading and name-calling can be bullying behaviours, explain the difference between direct and indirect types of bullying and compare our lives with people in other cultures.
RE	Why are some places and journeys special?	This unit explores the special journeys that people make. It includes pilgrimages and spiritual journeys as well as metaphorical journeys through faith. It also looks at where these journeys are to and why and what people learn from them. It looks at the sacrifices that people make in order to carry out the journeys and how this enriches people's lives.
Design & Technology	Mosaics	<p>During this unit children will design, make or evaluate a small fabric pouch. This unit accompanies our Topic: Space and the design brief is simple; imagine you were an astronaut, design and make a small fabric pouch to take to space with you. This could be for a small electronic device or camera or maybe to keep treasured possessions in.</p> <p>A great way to prepare for this unit at home is to support your child in learning how to thread a needle and complete a line of running stitch. Early in the Spring Term, your child will be asked to complete a short piece of homework for this and that will be to provide the measurements of whatever they will be making the pouch for. We have to stipulate that this is no larger than 20cm x 15cm.</p>
<p>Monday & Wednesday – PE (Year 5 have the PE teacher from Prince Henry's Grammar School this half-term)</p> <p>There will be times due to weather or other things happening in school that we have to do PE on another day, so it would be very helpful if your child's PE kit stays in school at all times.</p> <p>Please check that your child has a full PE kit in school (including a bobble for long hair) – we do not have sufficient spare kit.</p> <p>Children in Year 5 can change books when they need to rather than on set days. If you have any questions about this, please ask Mr Fisk.</p> <p>Homework this half-term is weekly: due in every Monday.</p> <p>If you ever need to talk to me face-to-face, I'm in the playground every morning at 8:50am and at the end of the school day (except Wednesdays). If you need longer, I have a club until 4.00pm on Mondays (so after then), and have meetings on a couple of other days, but I'm always happy to meet with you, so just have a chat with me and we can sort out a mutually convenient time.</p>		