

Curriculum Information: Sapphire Class

Autumn Term

| Subject | This term: |
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| English | We will explore narrative writing through a range of texts including links to RE where we will study Bible stories. Through these stories the children will consider a range of other text types such as newspaper reports and persuasive writing. Our class book will be Clockwork by Phillip Pullman which will link with our D&T work on toys with mechanisms. Alongside this the children will continue to develop their understanding of grammar, punctuation and spelling patterns. |
| Mathematics | We will begin the year by focusing on arithmetic strategies and understanding the four operations (+, -, x, ÷). We will start by investigating the place-value system and understanding how and place-value affect the value of each digit. The children will then use a range of strategies, including diagrams and physical resources, to complete calculations and solve problems. Later in the term we will explore how the four operations link to other mathematical areas such as fractions and measures. Rapid recall of multiplication facts will be essential for this work. |
| Science | Our first topic will be about forces. This will link in well with our trip to PGL. The children will investigate forces around them such as gravity, air resistance and water resistance. In the second half term, we will move on Electricity. The children will build and test different circuits and become familiar with circuit diagrams. They will then get the opportunity to build their own device to solve a problem. |
| RE | Our focus for the first part of the term will be on Old Testament Bible stories. We will be discovering the messages and morals that they embody and also discussing the links between Christianity and Judaism. During the second half of the term we will be having another RE week where the whole school produce work on the same theme: this time Incarnation. |
| Geography/ History | The topic for this term will be Transport through Time. The children will discover how transportation has changed, both focussing on one method of transport and tracking its development and finding out how different methods of transport were developed. We will consider how geography has an impact on transport and when different methods of transport first appeared in different regions. |
| Art/ D&T | We will be exploring mechanisms, which we will link to our work on transport, and how they can be used to transfer and transform types of movement. The children will have the opportunity to build their own toy with a cam, where they will plan a design for a given specification and develop their use of tools. |
| PE | The children will be swimming on Tuesdays and will have PE on Thursdays but the children will need their PE kits in school every day as there may additional activities and/or clubs. PE will outdoors whenever possible so please ensure your child has <u>jogging bottoms</u> and a <u>jumper</u> as well as <u>spare socks</u> and <u>gloves</u> if they need them. |
| Computing | The children will explore the use of algorithms for controlling a system both onscreen and with physical objects. They will learn how to debug existing scripts as well as creating their own script to achieve a desired outcome. |
| Music | Mrs Johnson will be working with the children to develop their instrument skills. The children will then use these, along with creativity and teamwork, to generate their own work focussed around our RE week. |
| PSHE/ Citizenship | The children will learn about our values and how these impact on our lives as well as developing their teamwork skills and discussing moral dilemmas. |
| General Information | <p>Homework: Set on Friday to be handed in the next Thursday. <i>Year 6s will also receive additional reading comprehension homework, which they should spend 30 minutes on. It would be best if they complete this in one sitting with a timer. This is part of their preparation for SATs.</i></p> <p>Spellings: Set on Friday for testing the next Friday</p> <p>Reading: Daily. Children should read one book at a time. Please make sure that books are in school every day.</p> <p>Multiplication Facts: Please encourage and help your child to learn their times-tables and related division fact e.g. $4 \times 6 = 24$ so $6 \times 4 = 24$ so $24 \div 6 = 4$ so $24 \div 4 = 6$</p> <p>Use Sumdog where possible – at least 3 times weekly.</p> |