






## Year 5 Curriculum Information Autumn Term 2021

<b>Welcome</b>	<p>A very warm welcome to Year 5 – the start of the children’s Upper Key Stage 2 journey. As the children make the transition into their final two years at primary school, we will be encouraging them to work towards greater independence, both in their learning and in their responsibilities. Time is precious and, as a year group, we want everyone to work diligently and collectively as a team: Together We’re Better!</p> <p>We have a commitment to providing the children with a rich and engaging curriculum which will challenge and inspire their minds. We will be encouraging them to question and challenge their understanding of the key topics taught in the Year 5 curriculum with the aim of them developing an inquisitive and positive ‘can-do’ attitude to learning.</p> <p>Our school day starts promptly at 9.00am, with the doors open and children welcome from 8:50am, and ends at 3:30pm. All Year 5 children will enter and exit via the door opposite the swimming pool.</p>
<b>Year group teachers:</b>	<ul style="list-style-type: none"><li>• Mrs Steele (Year Group Leader) 5S</li><li>• Mrs Smith 5R</li><li>• Miss Taylor 5T</li></ul>
<b>Year group support staff:</b>	<ul style="list-style-type: none"><li>• Miss Boulton</li><li>• Mrs Jones</li><li>• Mrs Laker</li><li>• Miss Lawrence</li><li>• Mrs Millier</li><li>• Mrs Szczesiak</li></ul>
<b>Dates for the diary:</b> 	<ul style="list-style-type: none"><li>• Thursday 16<sup>th</sup> December (pm), Year 5 Christmas Party (details to follow).</li></ul>

### Curriculum areas to be covered this term:

<b>English</b> 	<p><b>Reading:</b> Reading continues to be an essential part of the children’s academic progress and development. The children will:</p> <ul style="list-style-type: none"><li>* Read and discuss a range of fiction, non-fiction, poetry and reference books, considering their structure and purpose.</li><li>* Make comparisons within and across books.</li><li>* Develop their retrieval skills so that they can accurately find information within the written word.</li><li>* Draw inferences from a text such as inferring characters’ feelings, thoughts and motives from their actions and justifying their reasons with evidence from the text.</li><li>* Predict what might happen from details both stated and implied.</li></ul> <p><b>Writing:</b> Using a combination of books and topic work as their stimulus, the children will develop their writing skills with a focus on handwriting, extending vocabulary, and an accurate use of grammar, punctuation and spelling. They will build on their ability to plan, draft, write, evaluate and edit their narratives, taking responsibility for writing for purpose.</p>
<b>Maths</b> 	<p>We will begin this term by introducing children to the Year 5 objectives related to place value and problem solving using the four operations (+, -, x, ÷). Children will have chance to build on their learning from previous years as they work towards the Year 5 objectives. Firstly, we will be recapping our learning from Year 4 and reading, writing, ordering and comparing numbers up to 1,000,000. We will look at column addition using numbers with more than four digits</p>


before using this knowledge to use rounding to check accuracy of calculations. This is a skill that will be implemented across all four operations. During addition and subtraction, there will be a focus on children mentally adding and subtracting numbers to increase their confidence and ability to calculate fluently in their heads. When we move on to multiplication and division, children will use the 'bus stop' division method with increasingly large numbers and long multiplication to move in to multiplying four digit numbers by one and two digit numbers, as well as rounding to check accuracy. Children will have opportunities in all lessons to not only practise their skills but to apply their learning to problems, as well as using their reasoning skills.

Times table practice will take place every week, with children being challenged on a range of their times tables. We will also be using our 'early morning maths' sessions to keep practising our arithmetic and calculation skills which will become increasingly challenging as the year goes on.

We will also continue with our weekly 'Big Maths Beat That' CLICs and Learn Its' Tests to develop calculation skills, recall of times tables and identifying number bonds.

\* Visit [www.colneisjunior.co.uk](http://www.colneisjunior.co.uk) – Curriculum – Maths page – Mathematics at the Federation of Fairfield and Colneis -- for explanation of terms and strategies children will use.

**Science**



**Forces:**

During the first half term, we will be studying forces and looking at each in turn to see their effects. We will work scientifically to be able to investigate a range of forces including friction, gravity and air resistance. Our Learning Objectives will be:

- \* To explain that unsupported objects fall towards Earth because of the force of gravity acting between the Earth and the falling object.
- \* To identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- \* To recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

**Earth and Space:**

During the second half term, we will be exploring Earth and Space. Our Learning Objectives will be:

- \* To describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- \* To describe the movement of the Moon relative to the Earth.
- \* To describe the Sun, Earth and Moon relative to the Earth.
- \* To use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.







**History and Geography**




**The topic for this term is:** Ancient Egypt

Welcome to Ancient Egypt (3100 – 332 B.C.). We will consider how Ancient Egyptian society was organised; the significance of the River Nile and the various values and beliefs held by the Ancient Egyptians. Within our learning, we will be comparing and contrasting life between then and now and understanding the impact that this fascinating ancient civilisation had on the lives we lead today. Our Learning Objectives will be:

- \* To locate Ancient Egypt in time and place.
- \* To explain the significance of the River Nile
- \* To explain how the Ancient Egyptian society was organised.
- \* To describe the significance of the Pyramids to the Ancient Egyptian civilisation.
- \* To make comparisons between life in Ancient Egypt and in the present day.
- \* To identify how Ancient Egyptian beliefs contrasted with beliefs today.
- \* To investigate the significance of the Ancient Egyptian gods.
- \* To understand how our knowledge of the world is constructed.
- \* To consider the ethical implications of digging up the past.
- \* To explain how the Egyptian and Roman time periods are linked.

<p><b>Art</b></p> 	<p>In Art, we will be learning about, and responding to, the figurative sculptures of Alberto Giacometti. In addition, we will be creating art work based on our history topic of Ancient Egypt. Our Learning Objectives will be:</p> <ul style="list-style-type: none"> <li>* To design and create an Ancient Egyptian paddle doll.</li> <li>* To draw 'stick' figures to represent movement.</li> <li>* To use wire, Modroc and metallic paint to produce a figure.</li> <li>* To recreate hieroglyphics.</li> </ul>
<p><b>PE</b></p> 	<p>The children will continue to develop and apply a broad range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They will learn how to improve in different physical activities and sports and learn how to evaluate and recognise their own success. Key sports taught this term are:</p> <ul style="list-style-type: none"> <li>* Rugby (outdoor, first half of term)</li> <li>* Basketball (outdoor, second half of term)</li> <li>* Gymnastics (indoor, first half of term)</li> <li>* Dance (indoor, second half of term)</li> </ul> <p><u>PE days:</u>  <b>5R and 5T: Tuesday and Wednesday</b>  <b>5S: Wednesday and Friday</b></p> <p><u>Swimming day:</u>  Wednesday: Your child will need a named swimming costume, hat and towel.</p> <p>On the days that your child will be having their PE lessons, we will be asking children to come to school in their PE kits (but wearing their usual school cardigan/jumper over the top). Please ensure that, as the weather turns colder, your child is wearing suitable clothing. No earrings or jewellery to be worn on PE/swimming days and hair to be tied back.</p>
<p><b>RE</b></p> 	<p>In our Religious Education lessons, we will be <b>learning about</b> RE and <b>learning from</b> RE, with a focus on the following topics.</p> <ul style="list-style-type: none"> <li>* Christianity: Gospel</li> <li>* Islam: Revelation</li> </ul>
<p><b>Music</b></p> 	<p><u>Rock:</u></p> <p>With a particular focus on the song 'Livin' on a Prayer' by Bon Jovi, the children will gain an appreciation of rock music. They will listen to and appraise relevant music and sing, with an awareness of meaning of the words. In addition, whilst singing, they will also play an instrument as an accompaniment.</p>
<p><b>French</b></p> 	<p>The children will continue to develop their reading, writing, listening and speaking skills by learning to:</p> <ul style="list-style-type: none"> <li>* Greet a friend and ask questions to find out about them.</li> <li>* Ask and answer simple questions about family and interests.</li> <li>* Describe a person using adjectives.</li> </ul>
<p><b>Computing</b></p> 	<p>In Computing, the children will consolidate and extend their learning on E-Safety. Our Learning Objectives will be:</p> <ul style="list-style-type: none"> <li>* To explain why I need to protect myself and my friends and the best ways to do this, including reporting concerns to an adult.</li> <li>* To know that anything I post online can be seen, used and may affect others.</li> <li>* To protect my password and other personal information.</li> <li>* To explain the importance of communicating kindly and respectfully.</li> <li>* To discuss the importance of choosing an age-appropriate website or game.</li> <li>* To talk about the dangers of spending too long online or playing a game.</li> <li>* To explain why I need to protect my computer or device from harm.</li> <li>* To know which resources on the internet I can download and use.</li> <li>* To can describe different parts of the internet and a webpage.</li> </ul>

	<ul style="list-style-type: none"> <li>* To use a search engine to find appropriate information and check its reliability.</li> <li>* To find out who the information on a webpage belongs to.</li> <li>* To recognise and evaluate different types of information I find on the World Wide Web.</li> </ul>
<p><b>PSHE</b></p> 	<p><b>Health and Wellbeing:</b></p> <p>This term, Year 5 will be exploring the theme of 'Health and Wellbeing'; this will include gaining an understanding of how we can stay both physically and emotionally healthy. The children will consider appropriate ways to express their feelings and be able to identify the key things which influence their behaviour.</p>
<p><b>Homework</b></p>	<ul style="list-style-type: none"> <li>* Homework will be set on a Friday, and will need to be handed in by the following Wednesday.</li> <li>* Homework will consist of: <ul style="list-style-type: none"> <li>- A list of spellings to learn and then be tested on the following Friday.</li> <li>- Sentences to write which focus on the SPaG focus for that week.</li> <li>- Times Tables practice which will then be tested on the following Friday.</li> <li>- Maths questions – a range of either written questions or online using 'My Maths'</li> <li>- Reading 4 times per week. Reading Record Books will be taken in on a Thursday/Friday.</li> </ul> </li> </ul> <p>We appreciate that you are keen to support your child, but please encourage them to do as much of their homework task as they can for themselves.</p>

At home, we would like to see a **daily** emphasis on both reading and times tables practice. Securing these two skills early on in the year will facilitate your child's learning across all of the subjects and will place them on a solid foundation for their next steps. Encourage your child to take responsibility for their own learning in these two areas. Your child's class teacher can recommend materials and resources which will enable them to make effective progress.

Parents – please support your child(ren) by:

- \* Encouraging your child to organise their own equipment for school and to take care of their belongings. They need their Homework Diary, Reading Record Book and their Reading Book in school with them every day.

- \* Helping your child to choose books from the local library or second-hand book shop.

- \* Encouraging your child to read to you and answer questions about what they have read. This continues to be important as your child moves up the school. There are ideas on the school website:

<http://www.colneisjunior.co.uk/our-curriculum/reading-at-home/>

- \* Playing word games like 'Scrabble', 'I Spy' and 'Hangman' to build your child's vocabulary.

- \* Encouraging your child to talk, in full sentences, about things that they have done, thoughts they have had or places they have visited.

- \* Asking questions which require the use of mental maths strategies, for example: money calculations when shopping; time questions using analogue and digital clocks; quick fire questions involving addition, subtraction, multiplication and division.

- \* Challenging your child to copy some sentences from their reading book using their neatest handwriting.

- \* Teaching your child to tell the time using both an analogue and digital clock.