

CURRICULUM INFORMATION



Autumn Term 2018 YEAR 5

Mr Preece

Dear Parents,

Enclosed is some information about your child's class, routine and curriculum that we hope you will find useful this term. One key change is that Year Five children have a Homework diary (rather than a red Reading diary), which is where homework or messages are to be recorded. Please sign these at the end of each week and record any reading at home on the individual days.

WEEKLY DIARY OF EVENTS

In a normal week the following activities will take place:

DAY	Things that will be happening
Monday	Sports hall (prior to half term) Swimming (after half term) Spelling test English homework set
Tuesday	
Wednesday	Talk homework due in
Thursday	Big Write Outdoor Games
Friday	Tables test Maths homework set

Homework guidance

- Homework will be set to support learning across the curriculum and will be recorded by the children in their Homework Diary – please check this daily and sign this each week.
- Sometimes it may take the form of additional reading or research.
- 15 - 20mins reading each day at home – record this in the homework diary on the day completed.

In addition:

- English homework will be set on Monday for the following Monday.
- Spelling homework will also be set on Monday, for the following Monday.
- Talk homework will be set on Monday for the following Wednesday.
- Maths homework will be set on Friday, for the following Friday.
- Learning Log homework will be set each half term.

Curriculum Information

Reading

Reading is seen as the key to learning, therefore all children will be encouraged to read a variety of authors for pleasure. A range of fiction and non-fiction texts will be studied in the English curriculum. Children will study and respond to texts in class, they will also discuss features of books through weekly Guided Reading sessions. Daily reading time will take place during the school day, so children must ensure their book is with them each morning. Many children are reading books on the Accelerated Reader scheme, where success lies in regular reading and completing quizzes as soon as a book is completed. Reading at home is essential, with the expectation being 15-20mins per day.

Writing

Writing is essential for communicating. Children will write across the curriculum for a variety of purposes, to support their learning, at times using ICT. They will be encouraged to consider the audience and purpose of their writing and to edit and redraft. They will experiment with writing extended narrative. Children will be encouraged to focus on grammar, punctuation, structure and composition. They will feel increasingly confident writing complex sentences and using advanced punctuation correctly. Children will also be encouraged to proof read and edit their writing across the curriculum.

During the term children will have opportunities for extended writing, across the curriculum. They will write a range of stories, using a variety of narrative techniques, including the development of character through dialogue. They will compose poetry and non-fiction writing will include discussion texts, instructions and letter writing. Children will be encouraged to think of the audience and purpose for their writing.

Spelling, Grammar and Punctuation

This is taught through reading and writing across the curriculum. Children will learn spelling rules and patterns and learn strategies to help them learn spelling of a range of words. They will be expected to apply spelling, grammar and punctuation skills in their writing.

Maths

The topics this term will be:

- Number – Place Value: Read, write, order and compare numbers to at least 1, 000,000 and determine the value of each digit including interpreting negative numbers in context; solve number problems and read Roman numerals to 1,000 (M) and recognise years written in Roman numerals.
- Number-Addition and Subtraction: Add and subtract numbers mentally with increasingly large numbers, including numbers with more than four digits, using columnar addition and subtraction. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use.
- Statistics: Solve comparison, sum and difference problems using information presented in a line graph. Complete, read and interpret information in tables including timetables.
- Number – multiplication and division: Multiply and divide numbers mentally drawing upon known facts and by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Recognise and use square numbers and cube numbers and appropriate notation. Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes and know associated vocabulary.
- Perimeter and area: measure and calculate the perimeter of composite and rectilinear shapes in cm and m. Calculate and compare the area of rectangles (including squares), and including using standard units and estimation.

Computing

Children will use ICT to enhance their work across the curriculum for data handling, research and presentation of ideas. The children will work on sensing and control in the environment. They will use the portable technology in the form of iPads to enhance learning. We will also complete dedicated Computing work:

- YouTuber
Many children want to be a 'Youtuber'. In this activity children will learn about what that actually means and they will explore the positive and negatives associated with being a YouTuber. The children are given the opportunity to create their own vlog, edit and then critique it. In completing this unit the children will learn about online safety. In relating the learning outcomes to a YouTuber the children will consider the risks of their online lives in a real life scenario. Throughout this activity there are lots of opportunities to discuss online safety with the children.
- Music Maker
In this fun unit of work, children will learn about what being a Music Composer actually means. The children will use GarageBand to create their own jingle for an app. They will make use of musical skills and think about existing theme tunes/songs and discuss why they are successful.

Science

This term the children will complete two topics, looking to develop both scientific vocabulary, knowledge and investigation skills.

- Properties of Materials:
During this topic the children will explore examples of solids, liquids and gases. They will understand the importance of conducting fair tests and create electrical circuits to test in class. We will compare the insulating properties of materials and learn how to separate a range of materials including dissolving substances.

- Animals including Humans:
In this topic children will explore and study the work of Sir David Attenborough and Jane Goodall. We will research in depth the life cycles common to a variety of animals in a local habitat and those in a variety of habitats around the world.

Religious Education

The children will be given some insight into the stories and the characters of the Bible, by exploring the scriptures in detail. During the term we will follow the Diocesan scheme of work 'Learning and growing as the people of God' covering four units:

- Creation according to Genesis
- Miracles and Sacraments of the sick
- Advent
- Christmas

We will also complete daily class worship and reflection, as well as preparing for and attending school masses. Towards the end of the term we will discuss and explore the role of Reconciliation.

During Social Cohesion week, we will look at world faiths and focus on the religion of Islam. This is an exciting chance for the children to explore the beliefs and customs of other faiths and cultures. We will visit a local Mosque to find out first hand about the religious lives of others.

PSHE

This term we will be focusing on new beginnings and using our talents given by God. Children will also have opportunity to learn about Islam through our Social Cohesion work. Weekly discussions and circle time will be held in class, whilst also making links through other curriculum areas, such as Computing, to online safety.

PE

In the first half term we will be focusing on developing fitness, stamina and control during sporting activities. We will use Indoor PE lessons to develop a circuit-training program to help gauge and improve fitness. Our Outdoor PE lesson will focus on developing hand-eye co-ordination through hockey. Children will be having specialist swimming lessons during the Autumn term, to help them build confidence and stamina in the water.

Later in the term they will participate in indoor athletics training, in preparation for a local indoor athletics competition.

History and Geography

Taught as a cross-curricular topic, this term's topic is:

Our history topic for this term will see the children exploring the history of the Anglo-Saxons. Through the course of this unit we will look at: Invasions, geographical location/timelines, God and Goddesses, life styles and clothing, evidence from art, food, communication and language, buildings and homes. There will be a personal research project to complete on a chosen topic

Spanish

En el parque de atracciones

In this unit children ask and answer questions about rides at a theme park. They gain confidence in manipulating numbers up to 100 when talking about Euro currency. They take part in simple role plays

and use dictionaries to explore vocabulary. They create a short text to describe a visit to a theme park, and say what they thought about the rides. Skills include:

- Extend their use of the preterite tense and the imperfect tense to refer to the past.
- Research new vocabulary from a dictionary and apply it accurately
- Create short sentences referring to the past, writing from memor

Art

During the first half term the children will be learning the skills and techniques used in digital photography. We will begin by exploring the parts and functions of a camera, before learning about composition and techniques used by artists. Children will undertake mini projects based on the 'decisive moment' (Cartier Bresson) and exploring capturing movement (Eadweard Muybridge).

DT

Linking in to our theme of the Anglo-Saxons children will research, explore and prepare meals in DT. We will look at traditional food and the techniques used to create such dishes. We will also discuss how this fits in with healthy eating and safety surrounding food preparation.

Music

Children will explore the effect of different pitched notes played together in order to learn and understand chordal vocabulary. They will invent their own chords and ostinato.

They will sing and use voices with increasing confidence and control. Some children will perform in ensemble contexts (sometimes solo) using their voices and sometimes instruments with increasing accuracy, fluency, control and expression.

They will increase their listening repertoire by listening to our chosen composers and musical styles.

Other Useful Information

Planned Trips: Before half term there will be a residential visit to Alton Castle and a visit to a local mosque as part of our work on Islam.