

Curriculum Overview Year 5 Spring Term January - March 2019

English

The pupils in Year 5 will study the following skills & themes:

Spelling: Pupils will study spelling patterns and rules as laid down in the Year 5 spelling guidance of the National Curriculum. Weekly lists will comprise of words based on the week's target spelling rule or pattern together with keywords from the Year 5 list. They will learn to spell their target words, know their meaning and use them appropriately in sentences.

Grammar: Pupils will learn and practise grammar in relation to the Year 5 / 6 English National Curriculum grammar strand.

Handwriting: Pupils will practise writing play scripts; practise printing in lower and upper case and know when it is better to print; practise forming ascenders correctly; practise how to set out and present poetry imaginatively; ensure correct formation of the letters 't' and 'k'; form the letter 'y' correctly; and practise their speed and fluency. Pupils will also complete a number of Handwriting assessments & assess and review their own progress and set targets.

Fiction: The theme will be classic poetry focusing on the poem 'The Highwayman' by Alfred Noyes with pupils undertaking reading, writing and speaking and listening activities focused on characterisation, setting, plot structure and inference. They will write character studies of the main characters and write diary entries as well as writing a story based from the viewpoint of one of the characters. They will explore the language and rhythm of the poem and experience reading and performing of the poem to an audience. They will be writing an additional verse of the poem in the style of Alfred Noyes. They will refine skills needed to write a range of complex sentence structures, punctuate speech correctly, use powerful and appropriate verbs, adverbs and adjectives.

Non-fiction: The pupils will study the features of informal letter writing.

Form/ Year Group / Section Events

Term begins: Tuesday 8th January

Parents' Evening: Tuesday 12th February

Half-term begins: Friday 15th February (4.10pm)

Half-term ends: Sunday 24th February.

World Book Day: Thursday 7th March.

Year 5 Trip to Pitt Rivers Museum and Natural History Museum, Oxford:

Friday 15th, March.

Term ends: Friday 29th March (12.00pm).

Mathematics

History

This term the pupils in Year 5 will study the following topics:

Mental maths & Speaking & listening activities: The pupils will rehearse and explore mental maths facts. They will investigate and solve 1 and 2 step problems, individually, in pairs & in groups.

Multiplication / Division: They will revise how to multiply and divide by chunking and then using more formal written methods. They will solve word problems involving multiplication and division.

Decimals: They will order, add and subtract decimals. They will convert them to fractions and percentages.

Measurement/Time: Pupils will continue to understand the relationship between different measures of time; solve problems involving converting units of time; solve problems involving the use of clocks; solve time problems involving timetables; and solve problems involving converting units of time.

Measurement/Length, weight & capacity: They will learn units of measurement relating to length, weight and capacity and then use this knowledge to solve a variety of real life word problems. This will include honing their estimating skills.

Shape and Space: The pupils will estimate and compare acute, obtuse and reflex angles; they will draw given angles, and measure them in degrees (o) with a protractor; they will identify angles at a point and one whole turn (total 360o); angles at a point on a straight line and 21 a turn (total 180o); other multiples of 90o; they will use the properties of rectangles to deduce related facts and find missing lengths and angles.

Word problems: In most units the pupils will solve one- or two-step word problems, including real life problem solving.

Assessment: Pupils in Year 5 undertake bitesize written assessments following most units. Later in the term they will also undertake a longer, more formal written assessment which tests a fuller range of topics completed this year, or in previous years. They will also complete a number of mental and oral assessments.

Personal, Social, Health, Citizenship Education (PSHCE)

The pupils will look at the issues surrounding plastic pollution.

They will then follow the Family Links Programme which will look at courtesy, self acceptance and awareness, trust and empathy through a range of discussions, role play and games.

They will also take part in well-being sessions to help them handle anxieties and develop relaxation strategies.

Science

This term Year 5 pupils will study the following topics: **Earth and Space:** The pupils will continue investigate the relationship between the Sun, Earth and Moon and study the causes of day and night and seasons. They will investigate sun shadows and how this can help determine time. They will research the solar system and the relative size of planets. The pupils will be aware of the phases of the moon and the movement of the moon in relation to Earth. They will investigate galaxies and constellations. They will undertake some investigations on gravity and be aware that gravity is important within our solar system.

Living things in their environment: The pupils will explore life cycles and life processes, reviewing what the differences are between mammals, reptiles, amphibians, insects and birds are.

Evolution and Adaptation: The boys will explore the key characteristics that various animals have adapted in order to survive in their given environment. Pupils will learn about the work of Darwin before the Year 5 trip to the Oxford Natural History Museum, where they will be participating in an evolution themed workshop.

Religious Education (RE)

Geography

This term the pupils in Year 5 will be given further opportunities to develop their skills within each of the four strands of the National Curriculum: Locational knowledge; Place knowledge; Human and physical geography; and Geographical skills and fieldwork. In the first unit of the term they will locate Mexico, Meso-America and the major features of North America on a map; they will investigate the geographical features of Mexico and compare them to those of the UK; and then investigate Mexico as a holiday destination and compare it to the UK. Later in the term they will use maps, atlases, globes and digital/computer mapping to locate the major features of the United Kingdom, including its regions, counties, major cities, major seas, mountain ranges, rivers and other key features.	This term the pupils will find out who the Aztecs were and when they lived; find out how the Aztecs built the city of Tenochtitlan; investigate how Aztec society was organised; find out what the Aztecs believed and how this impacted on their lives; investigate what daily life was like for the Aztecs; and find out about the fall of the Aztec empire. During the unit they will handle evidence, including during their visit to the Pitt Rivers Museum in Oxford where they will investigate primary artefacts from the Aztec era. They will also have the opportunity of developing their skills of: <i>Independent learning & research; Collaborative learning - using digital media as well; Communication skills - through a variety of media (including digital); Thinking & problem solving (Higher Order thinking skills); and Reviewing and improving.</i>	This term the pupils will continue to investigate the Life and Teaching of Jesus . They will look critically at the stories of Jesus and consider why people reacted so differently to him and at the possibility or otherwise of miracles. An opportunity to develop their reasoning and discussion skills.
French	Computing	Drama
Pupils will focus on speaking, listening, reading and writing activities to extend their understanding of the language. Topics will be consolidated and new topics introduced including family, home, days of the week, pets and opinions. Vocabulary, both oral and written will be extended and there will be a focus on grammar including 'avoir' and 'etre', agreement and correct use of the definite and indefinite article, possessive adjective, prepositions, adjective agreement, pluralising nouns and how to form a negative.	This term the pupils in Year 5 will study the following topics: Programming They will develop programming skills using Logo. Handling Data They will use an appropriate tool to collect and present data. Multimedia They will select, use and combine the appropriate technology tools to create effects that will have an impact on others e-Safety Know which resources on the Internet I can download and use. Explain why I need to protect my computer or device from harm.	During this term, the pupils will study a unit of drama linked to Shakespeare's play Romeo and Juliet. They will explore the characters and motivations through exploration and inference activities.
Art	Craft, Design Technology (CDT)	Music
In Year 5 the pupils will enter the Young Art Oxford competition . They will	Year 5 pupils will be exploring the following topics: Carpentry skills: They will build a Goal structure complete with a goalie	The pupils in Year 5 will be exploring the following topics: Victorian Street Cries: Pupils will listen to Street Cries
develop their own unique entry based upon the given title. The terms topic will be Food in Art. Sketchbook work: They will explore 3d building, drawing, painting and clay. History through art: In this unit they will respond to artwork produced by people across the world. They will focus on the Pop Art movement. Final piece: In the final unit they will create a 3d sculptural clay cake box, demonstrating their learning of structure, colour and form.	to work within a penalty shootout game. They will design and make a Trophy shield for a special award. They will also make an Easter Egg curved stitched plaque. Thermoplastics: They will learn to cut, heat and bend acrylic to make a secure stand for other objects. Textiles: They will use the sewing machines to design and make gifts on a Spring theme, such as silhouette planes on a doddle machined background. Food technology: They will learn to bake some Easter goodies!	before inventing their own cries to advertise a Victorian product with focus on vocal projection, marrying music with lyrics, and counter melody. Singing: Pupils will perform songs, written in different genres, from 'Argonautica' as a year group, working on extending range and singing with clear diction.
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