Stalyhill Junior School

Year 4 Curriculum Map

<table>
<tr><th></th><th colspan="2">Autumn</th><th colspan="2">Spring</th><th colspan="2">Summer</th></tr>
<tr><td rowspan="2">English</td><td>Place Value of Punctuation & Grammar unit</td><td>Core Text:
Leon & the Place Between</td><td>Core Text:
The Iron Man / Sicily Holiday Brochure</td><td>Core Text:
Charlie & the Chocolate Factory</td><td>Core Text:
The Whale</td><td>Digital Literacy:
The Feast</td></tr>
<tr><td>Non-fiction:
Non-chronological report (extinct animals)
Heading
Brief introduction
Subheadings
Technical vocabulary
Pictures and captions
Third person – formal
Statements giving factual information
Co-ordinating conjunctions
Subordinating conjunctions
Expanded noun phrases
Present perfect tense
Commas for lists
Apostrophes for possession
Commas after fronted adverbials</td><td>Narrative:
Setting description

Non-fiction:
Instructions (How to train your dragon)
Title statement
List of equipment/materials
Sequenced, chronological steps
Diagrams or illustrations
Present tense
Imperative verbs (commands)
Detailed information
Co-ordinating conjunctions
Subordinating conjunctions
Expanded noun phrases
Commands, using imperative
Statements using pronoun you
Adverbs of manner
Adverbs of time
Commas in a list
Commas for fronted adverbials
Apostrophes for possession
Apostrophes for omission</td><td>Narrative: Continuation of story

Non-Fiction: Persuasive holiday brochure
Deals and bargains
Direct address (can include flattery)
Alliteration and assonance
Facts and statistics
Opinion (can be expert)
Repetition
Rhetorical questions
Emotive/exaggerated language
Triples/the rule of three
Adverbs for possibility/degree
Personal pronouns
Expanded noun phrases
Subordinating conjunctions
Commands
Commas for lists</td><td>Narrative:
Setting description
Introduction
Paragraphs pan the setting
Figurative language
Short sentences for effect
Rhetorical questions
Conclusion incl cliffhanger
ENP sights, sounds and smells
Adverbials of manner inc.similes
Participial phrases (-ing -ed openers)
Adverbials of place
Commas in a list
Apostrophes for possession
Commas for fronted adverbials
Ellipses

Non-fiction:
Recount diary
Date
Salutation / Sign off
Chronological order
Past tense
First person
Facts and opinions
Rhetorical questions
Co-ordinating conjunctions
Subordinating conjunctions
Adverbs/adverbials of time
Adverbs/adverbials of place/preposition phrases
Expanded noun phrases
Commas for fronted adverbials
Apostrophes for omission
Apostrophes for possession</td><td>Narrative: Innovation of character

Non-fiction: Explanation (how digestive system works)
Title
Introductory paragraph
Paragraphs detailing a process
Facts
Present tense
Formal language
Technical vocabulary
Co-ordinating conjunctions
Subordinating conjunctions
Expanded noun phrases
Adverbs/adverbials of time
Adverbs/adverbials of manner
Commas for fronted adverbials
Apostrophes for possession</td><td>Narrative: Innovative write – adaptation of character

Non-fiction:
Non-chronological report (Brazil)
Heading
Brief introduction
Subheadings
Technical vocabulary
Pictures and captions
Third person – formal
Statements giving factual information
Co-ordinating conjunctions
Subordinating conjunctions
Expanded noun phrases
Present perfect tense
Commas for lists
Apostrophes for possession
Commas after fronted adverbials</td></tr>
<tr><td colspan="6">Poetry:
Still I Rise by Maya Angelou (taught as a core text) – 1 week
Haikus / Kennings – 1 week</td></tr>
<tr><td>Maths</td><td>Number: Place value
The children will read, represent, partition, compare and order numbers to 10,000. They will round number to the nearest 10, 100 and 1,000.</td><td>Measurement: area
The children will understand the concept of different areas of shapes. They will practice finding the area of</td><td>Multiplication and division
The children will continue to delve deeper into multiplication and division. They will consolidate the use of informal and formal</td><td>Fractions
Children will continue to develop their understanding of fractions greater than 1 and learn how to confidently partition a mixed number into its whole and fractional parts.</td><td>Decimals
The children will continue to develop their understanding of decimals by diving deeper into the place value of tenths and hundredths. They will be able to compare decimal numbers and</td><td>Statistics
The children will be building their knowledge from Year 3 by interpreting pictograms and bar graphs. They will then be introduced to line graphs and learn how to draw and read these.</td></tr>
</table>

	Addition and subtraction The children will be taught to add and subtract 4-digit numbers with exchanges.	rectilinear shapes by counting squares. Multiplication and division The children will be taught how to count in multiples of 6, 7, 9, 25 and 1000. There will be a strong emphasis on the mental recall of all multiplication facts up to 12 x 12. The children will be taught how to mentally multiply and divide by 0 and 1 and recognise factor pairs before multiplying two and three digit numbers by one number using a formal written layout.	methods for both operations as well as exploring what happens to number when we multiply and divide by 10 and 100. Length and perimeter The children will be taught how to measure and calculate the perimeter of a rectilinear figure in cm and m. They will then move on to measuring the length and perimeter of regular polygons.	This will then lead on to the children adding and subtracting fractions and mixed numbers. Decimals The children will explore the relationship between fractions and decimals, focusing on tenths and hundredths. This will then progress to them creating decimal numbers by dividing 1 and 2-digit numbers by 10 and 100.	confidently convert between decimals and fraction equivalents. Measurement: money Children will continue their learning of decimals and apply this into money contexts by comparing, estimating and calculating amounts of money. Measurement: time Building on previous knowledge, the children will become increasingly confident at converting between units of time. They will explore analogue and digital time and will be taught how to convert between 12 and 24-hour clocks.	Geometry: Properties of shape Position and direction The children will learn about angles, lines of symmetry and properties of triangles, quadrilaterals and other polygons. They will then move on to looking at directional language using grids and accurately using grid co-ordinates to describe positions.
Science	Sound The children will be taught how sounds are made through vibrations. There will be many opportunities to experiment and explore with sound, particularly the patterns found between volume, pitch and distance from the sound source.	States of Matter 1 The children will be taught how materials can be grouped into solids, liquids and gases and how they can change state through heating and cooling.	Electricity The children will be taught how to construct a simple series electrical circuit and will become familiar with labelling some of the basic terms. Through experimental activities they will be able to recognise some common conductors and insulators.	States of Matter 2 The children will learn about the water cycle and the role played by evaporation and condensation and fun experiments will help them to associate the rate of evaporation with the rate of temperature.	Animals including humans – Nutrition In this unit, the children will be taught about the digestive system and the journey our food takes when entering the human body. This will lead to looking in-depth at the importance of teeth and the vital role that they have in the human and animal kingdom. We will finish the unit learning about food chains and food webs within habitats.	Living Things and their Habitats. The children will explore and use classification keys to help group, identify and name a variety of different living things in their local environment. We will look at how habitats change throughout the seasons and explore the positive and negative human impact on these habitats.
Computing	Computer Systems and Networks – The Internet Once children have learnt how to be safe online they will begin to explore their access to World Wide Web on the internet, discussing different contents and their accuracy. The children will learn how to stay safe online. They will explore their digital footprint and learn how to keep personal details	Creating Media – Audio Editing The children will be taught that sound can be stored digitally and will explore devices that record sound and play audio. This is an exciting topic where children can record, edit and play their own sound within a podcast.	Creating Media – Photo Editing The children will develop their understanding of how digital images can be changed and edited, and how they can then be resaved and reused. They will consider the impact that editing images can have, and evaluate the effectiveness of their choices.	Data and Information – Branching Databases Children will develop their understanding of what a branching database is and how to create one. They will use yes/no questions to gain an understanding of what attributes are and how to use them to sort groups of objects. They will then create physical and on-screen branching databases.	Programming – Repetition in Shapes The children will be developing their programming knowledge throughout this term, using the program Turtle Academy to write commands and algortighms to produce a given outcome. They will be writing their own count controlled loop codes using the program and building confidence in using these types of program.	Programming – Repetition in Games The children will be taking their programming knowledge to Scratch to build their own games with different loops. They will first learn how to modify an existing game before applying these skills to create something of their own.

	safe. They will also practise setting passwords and recognising safe and unsafe websites.					
History		Anglo Saxons The children will be taught about the historical timeline and where the Anglo-Saxons are placed. They will learn how Britain changed when Christianity arrived and how the Anglo-saxons fought Viking invasions, ending with an exploration into what made Alfred the Great 'great'.	Vikings The children will use their understanding from the Anglo-Saxons to learn about the Viking raids and settlements in Britain. They will use historical sources to question our modern view on Vikings and learn about key battles in the fight for land.			Mayans Using comparisons with British history, children will delve deep into Mayan civilization and question why Mesoamerica was more advanced than Britain. We will look at the art, architecture, mathematics and trade of the Mayans and find out how empires can collapse.
Geography	The South Pole The children will learn about Antarctica. They will study the eco system, benefits and threats of tourism, how Antartica is used for science and famous explorers.			North West England In this unit, the children will be delving deeper into the geography of their local area by using maps and grid references to locate human and physical features of the North West of England. We will explore famous waterways in our region and how tourism has impacted the city centre over time.	Brazil After learning about our own locality last term, we will be looking at the contrasting geography of Brazil. Pupils will begin by studying the human and physical features of Brazil before placing Brazil in the wider context of the world and South America. They will investigate the many differences between urban and rural Brazil and case study the lives of people living within Rio de Janeiro.	
DT	Levers and Linkages poster The children will explore how to make a range of lever and linkage mechanisms.. Using their cross-curricular learning in Geography, they will create an illustrated, moving Antarctic themed poster.		Electrical systems & Willow sculpture The children will connect this Design and Technology project to their Science learning on electricity. They will design, plan, create and evaluate a willow lantern with a working electrical circuit.		Food Technology The children will be designing and making their own dips. Through this learning, the children will learn how to select and use the appropriate equipment and utensils to prepare their food. They will be carefully planning their recipe by thinking of the purpose of each ingredient and why it would be included.	
Art		Typography A fascinating look at different styles of illuminated letters from		LS Lowry The children will be learning about the life and work of LS Lowry and the cultural impact		O. Hammersley To link in with our Geography learning, the children will be learning about rainforest art,

		monk's manuscripts. The children will use their sketchbooks to develop their watercolour skills taught in Year 3, paying particular attention to paintbrush control. They will practise painting intricate designs of a chosen letter in their sketchbooks. They experiment with card, foil and string mediums and felt tip pens to create a 3D letter.		that he had on the city of Manchester. Inspired by his work, the children will experiment with different materials to replicate his artistic style. This will include drawing street scenes, portraiture and creating wire sculptures.		specifically the works of artist Oenone Hammersley. The children will experiment with print making, pencil work and paint to create their own rainforest artwork. Mayan Masks Children are going to be linking their Art to their History learning by researching Mayan masks and exploring their themes, styles and colours. They will design and create a sculptural form inspired by the work of Mayan artists.
P.E	Rugby Gym	Football Hockey	Dance Swimming	Badminton Swimming	OAA Cricket	Athletic Rounders
PSHE	Friends and friendships The children will learn about the importance of positive, healthy relationships. Children will be able to identify unwanted and unacceptable physical contact. They will recognise differences between people and what they have in common. Moreover, they will develop an understanding of how to use digital devices respectfully and what to do if they are worried about anything online.		Living in the wider world The children will learn about the different groups that make up their community and what living in a community means. They will be able to value the diversity of their community and identify what it means to contribute towards society. The children will then move on to looking at the influence on social media, their digital footprint and what is appropriate to post online.		Health and Well being This term the children will be learning to identify a wide range of factors that maintain a balanced, healthy lifestyle, physically and mentally. They will role play different scenarios to model how to help them be open and honest about their feelings and how they can express these feelings in different ways.	
R.E	Why is Jesus inspiring to some people? The children will consider what being 'inspiring ' means. They will learn about the life of Jesus and his actions and teaching. They will discover how Jesus talked about himself and the image of Jesus today.	What can we learn from religions about deciding what is right and wrong? The children will learn the importance of rules in society and will learn The 10 Commandments. They will also consider how we decide what is right and wrong and how temptation can sometimes cause us to do the wrong thing.	How and why do people mark the significant events of life? The children will explore the idea that life is a journey with key milestones along the way. They will learn how different religions mark these milestones.	How do family life and festivals show what matters to Jewish people? The children will learn about family and cultural celebrations within the Jewish religion and the significance of these to Jews.	What does it mean to be a Hindu in Britain today? The children will learn how Hindus show faith in their homes and collectively and how Diwali is celebrated. They will consider what life is like for Hindus in Britain today.	Inter-Faith Week The children will learn from a range of speakers that represent the religions studied over the year in school. They will have the opportunity to sample elements of others' religions and cultures, including food, clothing and special objects. They will hear first-hand accounts of faith and worship and what life is like for people of different faiths in Britain today.

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Music	In Year 4 the children learn to play a brass instrument with a specialist teacher. By the end of the year they will be able to read a simple piece of music and play a range of songs on their instrument. They will have the opportunity to perform to parent and at the Bridgewater Hall with the Halle Orchestra.		
French	Word classes, nouns & verbs The children apply their understanding of word classes in English to identify nouns and verbs in French. The children learn different imperative verbs in French and play games to show their understanding. They then look at how to add adjectives and adverbs to their sentences and finishing by building a full sentence in French.	Items found in school & in a school bag The children will continue to look at how to build sentences in French by learning French words for items they find at school and saying them in full sentences.	Likes & dislikes Building on from their sentence structure work last term, the children begin to put nouns, pronouns and verbs together to tell others what they like and dislike. The children also learn key vocabulary such as items of clothing.