Curriculum Information for Parents 2023-2024

Class: Year 5 – Autumn Term

Subject	What will your child be Helping your child		oing your child
	learning/doing?	Books, resources or activities to use	Useful websites
English - writing	Texts to support learning Image: state stat	Read books and research information and stories about Space exploration including audio/video clips from the Apollo mission: https://www.nasa.gov/sites/defa ult/files/files/Apollo-11 Day-01- Highlights.mp3 Apollo 11 Moonwalk Montage - YouTube Write a diary as if they were an astronaut Write a newspaper article about the first trip to Mars Write a description of a planet	Top Marks English Games <u>https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar</u> BBC Bitesize KS2 English <u>https://www.bbc.co.uk/bitesize/subjects/z</u> <u>v48q6f</u>
English - reading	 Comprehension Skills taught: Increase their familiarity with a wide range of books Check that the text makes sense to them, discuss most of their understanding and explain the meaning of many words in context, asking questions to improve their understanding of a text Predict what might happen from details stated and implied Disguise between statements of fact and opinion 	 Read a range of fiction and non-fiction books together and discuss them Ask your child questions about the stories and encourage them to find the answers in the text. Ask your child to point out the specific answers. Encourage your child to discuss new vocabulary 	Online Books: http://www.magickeys.com/books/ https://www.storylineonline.net/ Online Story Activities: https://www.topmarks.co.uk/english- games/7-11-years/stories Online Reading Activities: https://www.topmarks.co.uk/english- games/7-11-years/reading Online Poetry Activities: https://www.topmarks.co.uk/english- games/7-11-years/poetry

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	 Make comparisons within and across books e.g. plot Retrieve, record and present some information from fiction and non-fiction Check that the book makes sense to them, discussing their understanding and exploring the meaning of words in context Confidently participate in discussion about both books that are read to them and those they can read for themselves intonation, tone and volume so that the meaning is clear to an audience Texts being used in school: Image: Control of the school of the	 and to make predictions about what might happen in the story. Talk about the characters and setting in fiction books. Talk about the feature of a non- fiction book (contents, glossary, index) Visit the library 	Link to the school parent hand book for question: <u>http://www.stjohnssandbachheath.cheshir</u> <u>e.sch.uk/serve_file/200593</u>
English – spelling/phonics	 Learning how to spell the Year 5 and 6 common exception words 	 Practise spelling the common exception 	Year 5 and 6 Common Exception Words http://www.stjohnssandbachheath.cheshir
	Learning the following spelling patterns:	words and spelling rule	e.sch.uk/page/spelling/82931
	 words ending in cious, tious, cial and 	words using the look,	Spooky Spellings Common Exception
	tial	look, cover and write,	Words Game
	 words ending with ant, ance, ent and 	cover and write strategy	https://www.ictgames.com/mobilePage/sp
	ence	• Encourage your child to	ookySpellings/index.html
	• words ending in able, ably, ible and	spell words aloud	Look, Cover, Write, Check Game:
	ibly	 Play spelling games 	http://www.ictgames.com/mobilePage/lc
		which could include	<u>wc/index.html</u>

	The spelling words for each week are on the class website.	bingo, spelling race (how many words can they write in 1 minute)	Spell Zone https://www.spellzone.com/pages/conten ts.cfm
English – grammar and punctuation	 New learning studied: ✓ use Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun ✓ indicate degrees of possibility using adverbs [for example, perhaps, surely] or modal verbs [for example, might, should, will, must] ✓ use devices to build cohesion within a paragraph [for example, then, after that, this, firstly] ✓ link ideas across paragraphs using adverbials of time [for example, later], place [for example, nearby] and number [for example, secondly] or tense choices [for example, he had seen her before] Use of different types of punctuation marks including: ✓ Use brackets, dashes or commas to indicate parenthesis ✓ Use of commas to clarify meaning or avoid ambiguity 	 When reading notice punctuation such as full stops, commas, question marks and exclamation marks When reading notice adverbials, verbs and proper nouns and ask your child to pick them out of a sentence Write sentences, stories and information pages including the grammar areas listed 	Finding out about Grammar, Punctuation and Spelling terms https://www.bbc.co.uk/bitesize/topics/zhr rd2p
Mathematics	 Place Value Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit. 	 Practise times tables in order and mixed up Play times tables games at home Practise the different calculation methods 	St John's Website Games: http://www.stjohnssandbachheath.cheshir e.sch.uk/page/maths-games/58813 Maths Frame Times Tables Check https://mathsframe.co.uk/en/resources/re source/477/Multiplication-Tables-Check Maths Zone Online Maths Games: https://mathszone.co.uk

• Round any number up to 1,000,000 to	•	Identify 2d & 3d shapes	Click on the coloured tabs along the top of
the nearest 10, 100, 1000, 10000 and		at home and when out	the website screen to find games for
100,000		and about	different maths topics.
• Solve number problems and practical	•	Practise converting	Other Times Tables games:
problems that involve all of the above		measures	https://www.topmarks.co.uk/maths-
(multiples of 100)	•	Make tally charts,	games/7-11-years/times-tables
Addition and Subtraction		pictograms and bar	Coconut Multiples:
Add and subtract whole numbers with		charts for items around	https://www.topmarks.co.uk/times-
more than 4 digits using formal written		the home or when out	tables/coconut-multiples
methods		and about	Funky Mummy Times Tables game
Add and subtract numbers mentally	•	Answer questions about	http://www.ictgames.com/funkyMummy/i
 Use rounding to check answers 		the charts	<u>ndex.html</u>
• Solve addition and subtraction multi-			Choose your times table to practice (NEW
step problems			this week)
Multiplication and Division			https://www.timestables.co.uk/
 Identify multiples and factors 			Times tables songs:
• Multiply numbers up to 4 digits by a			https://www.youtube.com/playlist?list=PL
one- or two-digit number using a formal			aSZ7kwwxKqWrWI-I0xs8ugp5fspBZjW7
written method			Download 'Year 5 calculation strategies'
• Multiply and divide whole numbers and			from the school website page
those involving decimals by 10, 100 and			http://www.stjohnssandbachheath.cheshir
1000			e.sch.uk/page/assessment/17974
• Solve problems involving addition,			
subtraction, multiplication and division			BBC Bitesize KS2 Maths
Fractions & Decimals			https://www.bbc.co.uk/bitesize/subjects/z
Compare and order fractions			<u>826n39</u>
Multiply mixed numbers by whole			
numbers			
• Round decimals with two decimal places			
to the nearest whole number and to one			
decimal place			
• Solve money problems involving number			
up to three decimal places			
Measures			
	•		

	 Convert between different units of metric measure Calculate and compare the area of rectangles Use all four operations to solve problems involving measure 		
	 Geometry Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles Use the properties of rectangles to find missing angles Distinguish between regular and irregular polygons Statistics Solve comparison, sum and difference problems using information presented in a line graph 		
Science	 Working scientifically the children will be able to: Independently carry out an investigation, where appropriate Know which variables to control in each investigation. Take measurements with an appropriate level of precision. Record data and results of increasing complexity, using scientific diagrams and labels, classification keys, tables and bar graphs Can use key scientific ideas and concepts to offer explanations for 	 Encourage your child to be inquisitive and ask questions about the environment in which they live Undertake small science investigations at home Investigate gears, levers and pulleys in their everyday life such as: a seesaw and a bike! Make a streamlined boat and see how it travels through the water! 	BBC Bitesize KS2 Science https://www.bbc.co.uk/bitesize/subjects/z 2pfb9q Science Experiments for Kids https://www.sciencefun.org/kidszone/exp eriments/

	 what they have found out, to make predictions and to hypothesise about why something might be the way it is (all with support where needed). Learning about the following topics: Forces Earth and space 	 Make paper aeroplanes- which is the most streamlined? 	
RE	Studying the following Chester Diocese RE themes: • God What does it mean if God is holy and loving?	 Encourage your child to ask questions about God Take your child to visit a local church or attend a service at your local church 	Animated Bible Stories for Kids: Saddleback https://www.youtube.com/playlist?list=PL 5aPdmniG3y n7hXEKTV4qQnleCe-p6Ws BBC Bitesize KS2 RE https://www.bbc.co.uk/bitesize/subjects/z 7hs34j
History	 The Roman Empire and its impact on Britain To write a diary entry to compare life as a child in Roman times with modern day. Chronological Awareness Describe significant features from time periods and know how Britain has influenced and been influenced by the wider world Have some awareness of how people's lives have shaped the UK Draw a timeline with different historical periods showing key historical events or lives of significant people Knowledge and understanding of significant aspects of history 	 Visit a museum Visit the library and encourage your child to find books about the topics being studied at school Use the internet to find out about the topic 	BBC Bitesize KS2 History https://www.bbc.co.uk/bitesize/subjects/z cw76sg BBC Teach KS2 History https://www.bbc.co.uk/teach/ks2- history/zfbwhbk CBBC Horrible Histories https://www.bbc.co.uk/cbbc/shows/horrib le-histories

	 Understand why some civilisations have been successful and why others have not Make connections between local, regional, national and international history Understand historical concepts Understand historical concepts and use them to make connections, draw contrasts, analyse trends and ask questions about the past Organise, evaluate and communicate information. Know how to question reliability of primary and secondary source materials and comment on their reliability (primary and secondary) Write a longer narrative based on events from the past including key moments in time with some dates Use correct vocabulary in writing Key Threads Rulers and Leaders Invasion 		
Geography	 The Wider World To make an information leaflet about a famous volcanic eruption. Locational & Place Knowledge Know the names of a number of European capital cities Know the names of the main countries in 'the ring of fire' Identify the position and significance of latitude, longitude, Equator, Northern 	 Look at globes and maps to identify places that you have travelled to or would like to! Watch the weather forecasts Make instruments to measure the weather such as a rain gauge 	How to make a rain gauge https://www.youtube.com/watch?v=a0bm brAsXtI Extreme weather! https://www.youtube.com/watch?v=JOMV KSNFtb4 https://www.youtube.com/watch?v=QZVt gOK8uTw https://www.youtube.com/watch?v=- s3UwOq1P1E

	 Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones Physical Geography Know what causes an earthquake Label the different parts of a volcano Understand tectonic plates and explain how volcanoes are formed Key Threads Locational Knowledge Human & Physical Geography Fieldwork & Mapping 	 Research different types of weather and write a fact file Research different volcanoes around the world where you may have travelled to. Read about different volcanic eruptions around the world including those that are erupting now. 	BBC Bitesize KS2 https://www.bbc.co.uk/bitesize/topics/z84 9q6f/articles/z7dkhbk
Art	 This term's task: Painting: To use acrylic paint to build texture to create a 3D effect. Painting Know how to use acrylic paints to build texture into a painting to create a 3D effect Using Sketchbooks Experiment by using marks and lines to produce texture Range of Artists Research the work of an artist and use their work to replicate a style (JMW Turner, Joseph Wright) 	 Encourage your child to be creative (drawings, colouring, painting, sewing, computer paint software) Visit art galleries To use different drawing and painting materials to experiment on how to create different textures with different techniques and using different tools. 	BBC Bitesize KS2 Art and Design https://www.bbc.co.uk/bitesize/subjects/z n3rkqt CBBC Art Ninja https://www.bbc.co.uk/cbbc/shows/art- ninja
Design and Technology	 This term's task: Textiles: To design and make a pencil case. Designing Develop a range of ideas after collecting information from different sources Explain how a product will appeal to a specific audience 	 Encourage your child to sew at home using different materials to make simple objects. Children could have a go at making pencil cases or pots using different materials such as boxes or even clay. 	Easy sewing tasks <u>https://threadsmonthly.com/sewing-</u> <u>project-ideas-teach-children/</u> Make your own pencil case at home using different materials: <u>https://www.youtube.com/watch?v=C85U</u> <u>14NjOnA</u> <u>https://www.youtube.com/watch?v= ZCP</u> <u>COcGyf4</u>

	 Design a product that requires strengthening and plan for this Making Use a range of tools and equipment competently Use techniques to stiffen and strengthen Evaluating Evaluate a product against the original design specification and by carrying out appropriate tests Evaluate their work both during and at the end of the assignment and seek evaluation from others Evaluate appearance and function against original criteria and suggest improvements Technical Knowledge Know how to make a fastening and add strength to textiles and structures 		https://www.youtube.com/watch?v=EqTLf E8xim0
PE	 Tag Rugby, Dance and Fitness Running, jumping, throwing and catching. Playing competitive games, learning skills for attacking and defending. Taking part in outdoor and adventurous activity challenges both individually and within a team Perform dances using a range of movement patterns 	 Encourage your child to join sporting clubs Play active games in the garden Talk to your child about the importance of teamwork and sharing 	Go Noodle Dance You Tube https://www.youtube.com/channel/UC2YB T7HYqCbbvzu3kKZ3wnw 5-minute move with Joe Wicks https://www.youtube.com/playlist?list=PL yCLoPd4VxBuxu3sLztrvWFehzv-LnR2c BBC Bitesize KS2 PE https://www.bbc.co.uk/bitesize/subjects/z j6pyrd
MFL French	 Listening to people speaking in French Singing songs in French Reading French words and sentences Having a short conversation with a peer in French 	 Encourage your child to use some simple French vocabulary (Bonjour!) Find out about France using the internet 	French Games https://www.french-games.net/ Duolingo (need to register) https://www.duolingo.com/

	 Asking and answering questions in French Writing French words and short sentences Studying the following topics: On Holiday Eating Out 		BBC Bitesize KS2 French https://www.bbc.co.uk/bitesize/subjects/z 39d7ty
Music	 Singing songs as a class and as a school Playing tuned and un-tuned instruments Making their own compositions with a small group of friends Learning new music terminology Studying the following topics: Charanga (Livin' On A Prayer) Jazz 1 Key Threads Performing Composing Appraising 	 Sing songs at home Make musical instruments using recycled objects Encourage your child to learn to play a musical instrument Listen to a range of music genres 	BBC Bitesize KS2 Music https://www.bbc.co.uk/bitesize/subjects/z wxhfg8
Computing	 Digital Literacy Task: To retell a story using their chosen Microsoft Office Software To use technology to present their work, showing an increasing degree of skill and using advanced features of software and tools. To select tools which they can use to help them achieve a specific aim and justify these choices to others. Programming To develop their understanding of how technology works and how computers process instructions and commands, including the use of coding languages. 	 Use the Turtle Logo and Scratch create programs at home Encourage your child to use Word Software at home (Word, Excel, Power Point, Publisher) 	Turtle Logo Online Turtle Logo Lessons https://turtleacademy.com/lessons Scratch Create Online https://scratch.mit.edu/projects/editor/?t utorial=getStarted Visit the St John's Website E-Safety Page to find out more about keeping your child safe online http://www.stjohnssandbachheath.cheshir e.sch.uk/page/e-safety/1680 BBC Bitesize KS2 Computing https://www.bbc.co.uk/bitesize/subjects/z vnrq6f Kara and Winston and the Smart Crew

•	To use more complex programming	https://www.childnet.com/resources/the-
	software which interacts with	adventures-of-kara-winston-and-the-
	external controllers, and elements	<u>smart-crew</u>
	on screen, creating algorithms and	Childnet E-Safety Resources
	using logic and calculations.	https://www.childnet.com/resources
•	To control an onscreen icon using	
	text-based programming, including	
	writing complex written algorithms	
	which involve sensors.	
•	To deconstruct and investigate the	
	effect of changing variables in	
	simulations.	
•	To know that simulations are often	
	guided by hidden rules	