



Year 5 Curriculum Grid – Spring 2020

This grid provides you with an overview of teaching and learning in the different areas of the Year 5 curriculum this term. Keep up to date by using the home-school book and as always, you are welcome to make an appointment to see the class teacher at any time.

Get in touch with your child's class teacher via office@sirjohncassprimary.org or catch them on the playground. You can also keep track of what's going on in school via our websites www.sirjohncassprimary.org or on Twitter.

English	Mathematics	Science
<p>Hidden Figures by Margot Lee Shetterly <u>Writing:</u> Webpage, job advert, character description, formal and informal letter, news report. <u>Grammar:</u> Modal verbs, conjunctions, prefixes and suffixes, contractions, relative pronouns dashes, inverted commas.</p> <p>Beowulf by Michael Morpurgo <u>Writing:</u> Giving advice, speech writing, setting and action descriptions, recount, obituary, legend. <u>Grammar:</u> Relative clauses, noun and preposition phrases, synonyms, adverbials, hyphens</p> <p>Unspoken by Henry Cole <u>Writing:</u> Writing from different perspectives, dialogue, character description, persuasive 'wanted' poster, biography. <u>Grammar:</u> main and subordinate clauses. subordinating conjunctions, synonyms and antonyms.</p> <p>The Lost Happy Endings by Carol Ann Duffy <u>Writing:</u> Poetry, writing to create a mood, formal investigation report, news report, narrative. <u>Grammar:</u> abstract nouns, subjunctive form, reported speech.</p> <p><u>Spelling patterns:</u> Apostrophes, hyphens, root words and word families, common exception words, 'ei' and 'ie' words, words ending in 'ably' and 'ibly'.</p>	<p>Multiplication Times tables (up to 12 x 12), factors, multiples. Missing numbers. Short, formal written methods.</p> <p>Division Inverse and missing numbers, short formal written method, remainders in context of problems solving. X and / powers of 10.</p> <p>Fractions Compare and order. Find fractions of quantities. Find equivalent fractions. Convert between mixed and improper. Add and subtract. Reason.</p> <p>Percentages % as fractions and decimals (out of 100 and common e.g. 75%). Percentages of amounts. Order percentages, decimals and fractions by converting first.</p> <p>Measurement / Statistics Time: Read and convert between 12hr / 24hr digital and analogue. Convert between units of time (e.g hrs to mins). Interpret timetables.</p> <p>Measurement Estimate, calculate and convert between units of mass and capacity. Read scales. Solve problems in context.</p> <p>Geometry Angle facts. Measuring angles. Calculating missing angles. Properties of rectangles - parallel and perpendicular lines, diagonals.</p>	<p>Animals including Humans Sexual and asexual reproduction in plants - Investigation: what are the advantages and disadvantages of these types of reproduction for a species? Understanding the physical and emotional changes which take place during puberty in humans.</p> <p>Properties and Changes of Materials Compare and group together everyday materials on the basis of their properties. Investigation: How can I use my knowledge of solids, liquids and gases to decide how they might be separated? Where can these skills be applied in every day life? Demonstrate that dissolving, mixing and changes of state are reversible changes. Investigate: what happens when a variety of substances are added to water? Can these be recovered to their original state? Explain that some changes result in creation of new materials and these are irreversible changes. Investigation: How does knowledge of reversible and irreversible changes help us in practical living? (Water cycle and salt pans, baking cakes)</p>
Religious Education	History/Geography	PSHE/P4C
<p>Buddhism <u>Big Question:</u> What does it mean to be a Buddhist? <u>Key Questions:</u> What are the Buddhist symbols and what do they mean? What is the eight-fold path and how do Buddhists use this in their daily life? How and where do Buddhists practise their faith? What is it like to live in the Sangha? What do Buddhists believe the meaning of life is? How are my beliefs similar and different to those of a person who practises Buddhism?</p> <p>Christianity <u>Big Question:</u> How does the Christian Festival of Easter offer Hope? <u>Key Questions:</u> How do Christians believe the Easter Story helps people when they do wrong? How are forgiveness, hope and salvation shown in the Easter Story and what does this mean for Christians? What is the meaning of forgiveness? How does the Easter Story relate to God's plan of salvation? - Salvation and resurrection; How do the accounts of the resurrection of Jesus Christ give hope?</p>	<p>Geography - Investigating Climate and Biomes Describe and understand climate. Identify different climates around the world (6 different climates). Refer to latitude, longitude, equator, north and south. Know and describe the 7 biomes of the world. Understand the link between climate and biomes. Identify similar and different biomes across the world.</p> <p>History - Anglo-saxon, Viking and Scottish settlement in Britain (Link to English - Beowulf) What happened to Britain when the Romans left? The Vikings: Who were they and what were they like? How did the vikings travel? How well did the Saxons and Vikings get on with each other? Was life better in Anglo-saxon or Roman Britain? What did the Anglo-saxons and Vikings leave behind?</p>	<p>Healthy Relationships (link to Science - RSE) What constitutes a healthy and positive relationship? Secrets - what should and should not be kept a secret? (Including The PANTS rules - my rights regarding my body, how to keep myself safe and who I can speak to) How do my actions affect myself and others? What are the similarities and differences between people, what is discrimination and how can we challenge stereotypes? How to negotiate and communicate respectfully even when we disagree.</p> <p>Keeping Safe Online and when Using Social Media (link to Computing) About the importance of protecting personal information online (including passwords, images and addresses). How do we know who we can trust online? What should we do if we feel worried or unsafe about something that happened online?</p>



Computing	Physical Education	Art & DT
<p>Understanding technology. Pupils understand and can explain how computer networks work, and know that the Internet is a collection of computers connected together. Pupils know that there is a difference between the Internet and the World Wide Web and understand that the web is just one of the services offered by the Internet (as well as, e.g. email and VoIP services such as Skype)</p>	<p>Basketball / Football Sending and Receiving Attacking space in a game scenario. Small movement patterns. Working in groups of four and five in both invasion games above Understanding and following the rules. Being able to follow the rules in a competitive game scenario.</p>	<p>Investigating, designing and making toys. Investigating cams to change rotational motion into reciprocal linear and further rotational motions using levers and hinges. (link to Science - Forces in Summer term).</p>
French	Regular homework	
<p><u>Directions:</u> Identify compass points; Understand and give directions <u>Food:</u> Discuss mealtimes, give reasons for food preferences using the connective PARCE QUE</p>	<p>Reading – 20 mins daily (record in homework diary). Weekly Spellings Music - Strings practice at least 15 minutes a day. Homework tasks set daily (20mins) including; CGP practice (English and Maths) Mathletics/Rock Stars. Duolingo NB: If you are looking for a book to read, why not choose one from the CLPE core book list?</p>	
Task homework (choose 1 to complete each half term)		
<p>Task 1: Create a presentation (using software of your choice e.g. Google Slides, PowerPoint, Prezi, imovie) to explain and show reversible and irreversible changes of state. Consider: Which media will you use? Photos, film, home videos or drawings.</p>	<p>Task 2: Create a 3D model of a Viking Ship. Consider: What materials will you use? Which key features of a Viking ship will you include? How will others be able to learn about Viking travel from your model?</p>	<p>Task 3: Write a biography about the Buddha. Consider: When and where was he born? What were the key events of his life? How did his life experiences and practices lead him to become the founder of Buddhism? (You can submit this on paper or online using Google Classroom)</p>
<p>Important dates, special events and trips: Class Assembly: Friday 24th January School trips: Ragged School Museum: Wednesday 8th January Greenwich Observatory: Monday 3rd February Parent Meeting: Relationships and Sex Education Tuesday 14th January 3:30pm</p>		<p>Timetable: PE: Mondays and Wednesdays Books changed any day from Monday to Thursday. Music lessons - Mondays and Wednesdays</p>