



St. John's Catholic Primary School
Curriculum Overview – Autumn Term Year 5



Subject	Autumn 1		Autumn 2
RE	<p>Creation – Pupils will learn about the story of Creation and the Fall from the Bible. They will reflect upon and respond to the importance of the stories and consider how it helps us to understand suffering in the world.</p>		<p>God's Covenants – Pupils will learn about the meaning of covenant and reflect on God's covenant with Noah. They will reflect upon Abraham's trust in God and know about the covenant God made with Abraham. They will reflect on the message of the prophets for us. They will consider their part in the New Covenant.</p>
Maths	<p><u>Number</u> – Number and place value Sticky knowledge: Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 – Addition and subtraction Sticky knowledge: Add and subtract numbers mentally with increasingly large numbers. Add and subtract whole numbers with more than 4 digits, including using formal written methods. Geometry – Properties of shapes Number – Multiplication and division, Fractions Sticky knowledge: Identify multiples and factors including finding all factor pairs of a number and common factors of two numbers. Multiply and divide numbers mentally drawing on known facts. Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers and establish whether a number up to 100 is prime and recall prime numbers up to 19. Multiply numbers up to 4 digits by a 1digit or 2digit number using a formal written method, including long multiplication for 2digit numbers. Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. Read and write decimal numbers as fractions eg. 0.71 = 71/100. Geometry – Position and direction Sticky knowledge Know that angles are measured in degrees Estimate and compare acute, obtuse and reflex angles Identify angles at a point on a straight line and half a turn and identify angles at a point and one whole turn. Identify other multiples of 90 degrees. Draw given angles and measure them in degrees.</p>	<p>H A L F</p> <p>T E R M</p>	<p>Measurement – Mass Number – Multiplication and division Measurement – Time Number – Number and place value, Addition and subtraction Measurement Sticky knowledge: Measure and calculate the perimeter of composite rectilinear shapes in cm and m. Calculate and compare the area of rectangles including squares and including using standard units, square centimetres and square metres and estimate the area of irregular shapes.</p>

	<p><u>Number</u> - Addition and subtraction, Decimals</p>		
English	<p><u>Queen of the Falls - by Chris Van Allsburg</u></p> <ul style="list-style-type: none"> - Pupils will study recounts with a series of diaries. - We will explore writing recounts from the viewpoint of other characters. <p>Writing outcomes – diary entry</p> <p>Greater Depth – writing from a range of perspectives.</p> <p><i>Reading books must be in school every day. Spellings will be tested on a Friday unless otherwise stated.</i></p>		<p><u>The Lost Happy Endings - by Carol Ann Duffy</u></p> <ul style="list-style-type: none"> - Pupils will study fiction - traditional tales. - We will explore traditional tales from another character's point of view. <p>Writing outcomes – to write a traditional tale</p> <p>Greater Depth – To write from a differing point of view</p> <p><i>Reading books must be in school every day. Spellings will be tested on a Friday unless otherwise stated.</i></p>
Science	<p><u>Animals, including humans</u> – Pupils will learn about animals, including humans. They will look at the human timeline, changes that occur during old age, gestation periods and life expectancy.</p> <p><u>Sticky knowledge:</u> Know the life cycles of different living things. e.g. mammal, amphibian insect, reptile, bird. Know the difference between different lifecycles.</p>		<p><u>Animals, including humans</u> – Pupils will learn about animals, including humans. They will look at the human timeline, changes that occur during old age, gestation periods and life expectancy. They will focus on the development of humans through birth to old age.</p> <p><u>Sticky knowledge:</u> Know the process of reproduction in plants. Know the process of reproduction in animals. Create a timeline to indicate stages of growth in humans.</p>
Computing	<p><u>Online Safety</u> – Pupils will gain a greater understanding of the impact that sharing digital content can have.</p> <p>- Digital Literacy</p> <p>Sharing information</p> <p><u>Sticky knowledge:</u> Combine sequences of instructions and procedures to turn devices on and off. Use technology to control an external device. Design algorithms that use repetition and 2-way selection.</p>		<p>- Information technology</p> <p>App Design</p> <p><u>Sticky knowledge:</u> Analyse information Evaluate information Understand how search results are selected and ranked Edit a film Understand that you have to make choices when using technology and that not everything is true and/or safe.</p>
Geography /History	<p><u>Locational and place knowledge.</u></p> <p>Pupils will study a region in North America namely The Great Lakes and Niagara. Linking to their English text they will plan the route for a character's tour. UK Towns and Cities will be compared with rural areas.</p>		<p><u>Settlements and Land Use</u></p> <p>Children will study the Anglo Saxons with a focus on the text Beowulf. We will answer the big questions: Who were the Anglo Saxons? Why did the Anglo Saxons come to Britain? What jobs did people do? Anglo Saxon Men, Women and children</p>

	<p>Black History Week</p> <p>Sticky knowledge: Know, name and locate the capital cities of neighbouring European cities. Know the countries that make up the European Union. Know about, name and locate many of the world's most famous mountainous regions. Know why most cities are situated by rivers. Know the course of a river. Name and locate many of the world's most famous rivers. Know why ports are important. Know what is meant by a biome.</p>		<p>Sticky knowledge: Know where the Anglo-Saxons came from. Know at least two famous Anglo Saxons. Use a timeline to show when the Anglo-Saxons were in England. Know the link between Anglo-Saxons and Christianity. Know that many Anglo Saxons were farmers. Know that Anglo-Saxons gave us many of the words we use today.</p>
<p>PE</p>	<p>Invasion Games – Pupils will develop the skills needed to participate in invasion games. The children will invent, play and evaluate their own games. - Football and Netball skills</p> <p>Sticky knowledge: Team work Pass in different ways Use forehand and backhand with a racquet Field Choose a tactic for defending and attacking Use a number of techniques to pass, dribble and shoot</p> <p>Fitness – Circuit Training</p>		<p>Invasion Games – Pupils will develop the skills needed to participate in invasion games. The children will invent, play and evaluate their own games. – Hockey skills</p> <p>Fitness – HIIT workouts</p>
<p>PSHE</p>	<p>Health and Wellbeing Eat Better - Food groups, Importance of food and nutrients Aiming High Citizenship/Financial/Other – Classroom rules, School council elections, E-safety, Global CAFOD, Harvest</p>		<p>Health and Wellbeing Eat Better - Food groups, Importance of food and nutrients TEAM Citizenship/Financial/Other - Remembrance Day Anti-Bullying Week</p>
<p>DT/Art</p>	<p>Individuals who have shaped the world.</p> <p>Barrels and boats – Children will design and create a floating barrel or boat.</p> <p>Sticky knowledge:</p>		<p>Jane Ray illustrations</p> <p>We will study the artist, Jane Ray and produce illustrations using paint and pencils.</p> <p>Sticky knowledge: Identify and draw objects and use marks and lines to produce texture.</p>

	<p>Come up with a range of ideas after collection information from different sources. Produce a detailed, step by step plan. Suggest alternative plans; outlining the positive features and drawbacks. Explain how a product will appeal to a specific audience. Evaluate appearance and function against original criteria. Use a range of tools and equipment competently. Make a prototype before making a final version. Show that I can be hygienic and safe in the kitchen.</p>		<p>Know how to successfully use shading to create mood and feeling. Know how to organise line, tone, shape and colour to represent figures and forms in movement. Know how to express emotion in art. Know how to create an accurate print design following criteria. Know how to use images which I have created, scanned and found; altering them where necessary to create art. Research the work of an artist and use their work to replicate style.</p>
Music	<p>Music through assemblies and within lessons Comparisons of instruments used in the UK throughout history and also in North America.</p>		<p>Christmas Carol Concert – Pupils will learn traditional carols as part of our concert preparations.</p>
MFL - French	<p><u>Getting to know you</u> – Pupils will present ideas and information orally to a range of audiences. – Pupils will understand basic grammar and build sentences in the context of talking about what they want to do when they grow up. – Pupils will develop accurate punctuation and intonation in the context of investigating typical French names.</p>		<p><u>Getting to know you</u> – Pupils will learn how to select the appropriate form of a word for the context. – Pupils will understand basic grammar in the context of predicting what's going to happen (use near future tense). – Pupils will write phrases from memory and adapt these to create new sentences to express ideas clearly.</p>
Homework	<p><i>Daily reading, weekly spellings, multiplication & division facts for tables to 12x12, weekly English and Maths homework.</i> <i>Reading books must be in school every day.</i></p>		