



SJS Year 6 Curriculum Overview – Autumn Term		
<p>Reading The rooftoppers The Listeners Pig Heart Boy How to live forever</p>	<p>Writing Autobiography Discursive writing and speeches Poems that create images First person stories with a moral Shakespeare’s sonnets Explanatory texts</p>	<p>Spelling Homophones Prefixes and Suffixes Statutory word list Endings -cious -tious -cial -tial Endings -ant -ance -ancy -ent -ence -ency Endings -able -ible -ably -ibly Etymology – bio, scend, quin, hept/sept, cred, grad</p>
<p>Maths Place value (2 weeks) Addition and Subtraction (2 weeks) Multiplication, division and properties of number (4 weeks) Fractions (5 weeks) Measurement – converting units (2 weeks)</p>	<p>Maths – Key Knowledge Understand negative numbers, rounding any integer, secure formal methods for 4 operations, know prime numbers to 50, square and cube numbers to 100. Knowing procedures for simplifying, equivalence and addition and subtraction of fractions, equivalent measures</p>	
<p>History Local History Study Remember: The Battle of Britain and World War Two. Why was East Anglia described as mini America? Where were the airbases in our locality? Why were these airbases important to the war effort? What effect did these airbases have on our local area? How do we remember the brave men and women who defended our country? Vocabulary – altitude, boisterous, cemetery, penetrate, strategic, supremacy, airbase, axis, bombardment, incendiary, memorial, segregation</p>	<p>Geography Physical processes: Earthquakes, mountains and Volcanoes What makes up layers of planet earth? What are tectonic plates and where do you find them? How do tectonic plates move and what happens when they meet or separate? What causes an earthquake and what is the effect? How are mountains formed? How do volcanoes work? Vocabulary – viscous, churning, buckle, disaster, devastation, magnitude, epicentre, fissure, dormant, magma, molten, mantle</p>	<p>Science Electricity What is electricity? How does it work? Do it - How do we build and represent a series circuit? What are the components in a series circuit? Test it - How does the number of cells and voltage affect components in a circuit? Diagnose it – what are the effects and consequences of changing circuit components and batteries? Vocabulary – component, consequence, systematic, represent, source, generate, proton, neutron, electron, terminal, series, potential difference Animals including Humans What is blood made of and why do we need it?</p>

Curriculum Overview – Year 6 Autumn 2023



		<p>Why do our bodies need nutrients and how are they transported? What is our heart like inside? How does it work? Who influenced what we know about our circulatory system? What can we do to keep healthy? Vocabulary – cell, chamber, system, circulation, vessel, clot, plasma, platelet, artery, capillary, vein, ventricle</p>
<p>Design Technology Food Know what street foods are Know how snacks can be good foods to eat Be able to make a burrito Be able to make and roll bread dough Be able to make a savoury pastry Vocabulary – street food, culture, snack, nutrient, prove, fry</p> <p>Mechanisms Know types of pulley systems and gears Know common uses of pulleys and gears Know how pulleys and gears can create simple mechanisms and change direction of movement Be able to design and make a model Ferris wheel powered by gears Be able to evaluate the success of their outcomes and recommend improvements Vocabulary – pulley, movable pulley, fixed pulley, block and tackle, rack and pinion, driver gear, driven gear.</p>	<p>Art Drawing Know the elements of art and design Be able to work artistically using: shape, line, form, texture, colour, value and space Vocabulary – surreal, portraiture, symbolism, scale, proportion, figurative</p> <p>Painting and Collage Know observation of still life can be responded to through a combination of different media and styles Be able to create a still life using a variety of colours, textures and materials, including paint Vocabulary – cubism, superimpose, still life, balance, observational drawing, angles</p>	<p>Computing Communication and Collaboration Explain the importance of internet addresses Recognise how data is transferred across the internet Explain how sharing information online can help people to work together Evaluate different ways of working together online Recognise how we communicate using technology Evaluate different methods of online communication Vocabulary - data, Internet Protocol (IP), bot, web crawler, selection</p> <p>Webpage Creation Review an existing website and consider its structure Plan the features of a web page Consider the ownership and use of images (copyright) Recognise the need to preview pages Outline the need for a navigation path Recognise the implications of linking to content owned by other people Vocabulary - select, view, duplicate, group, evaluate</p>



<p>PE</p> <p>Communication and Tactics Work within teams to consolidate effective strategies and tactics in order to complete the different problem solving challenges successfully. Think tactically and create, evaluate and refine tactics for completing the challenges. Consolidate life skills such as collaboration and communication effectively as they apply both speaking and listening skills within their teams. Constantly apply life skills such as integrity and self motivation by playing by the rules and leading others by example. Vocabulary - communication, tactics, teamwork, strategy, leadership, team member</p> <p>NET/WALL - SQUASH - taught by Ipswich Sports Club</p> <p>Netball Apply a refined understanding of attacking skills and defensive skills, that will be executed accurately and consistently. Demonstrate resourcefulness and problem-solving skills by creating, applying and then adapting a range of attacking and defending tactics. Apply their tactics, demonstrating a clear understanding of the role each team member will perform and will ensure the team feels motivated. Apply life skills such as integrity and self-discipline by playing by the rules and leading others by example. Vocabulary – Tactics, transition, umpire, netball positions, marking</p> <p>Gymnastics: Matching and Mirroring Create a sequence containing both matching and mirroring movements, executed with accuracy and fluidity using a range of apparatus. Effectively apply life skills such as evaluation and decision making as they identify strengths and weaknesses in their sequences and find ways to improve. Demonstrate respect and trust as they give and receive constructive feedback in order to improve their sequences and performances. Consistently apply integrity and self discipline as they perform their sequences and receive feedback, and strive to improve their sequences Vocabulary - excellent gymnastics, flow, levels, matching, mirroring, unison, canon</p>	<p>PSHE</p> <p>Being me in my world Identifying goals for the year Global citizenship Children’s universal rights Group dynamics and role modelling Vocabulary - empathy, global, local, poverty, inequality</p> <p>Celebrating Difference Perceptions of normality Understanding disability Inclusion and exclusion Empathy Vocabulary - disability, quality of life, barrier, success.</p>
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<p>Performing Arts</p> <p>Music: Learning to play the keyboard Singing and performing a Beatles song as a band using their voices musically, fluently and with accuracy and expression.</p> <p>Playing and performing a Beatles song on the keyboard confidently as a class band, musically, fluently and with accuracy and expression.</p> <p>Improvising and composing on the keyboard, extending and developing musical ideas in the style of popular music.</p> <p>Using staff notation accurately.</p> <p>Identifying and using musical elements expressively and with increasing sophistication, including use of tonalities, different types of scales and other musical devices.</p> <p>Listening to and discussing a wide range of music from great composers and musicians.</p> <p>Developing a deepening understanding of the music that they perform and to which they listen including its history and context.</p> <p>Vocabulary: scale, pentatonic, dynamics, texture, timbre, song structure, major, minor, treble, bass, pop music.</p>	<p>RE</p> <p>Christianity Key Question: How do Christians show their belief that Jesus is God incarnate? Key Concept: Incarnate</p> <p>I understand the term incarnate</p> <p>I know what Jesus said about himself in the bible I can give examples of how Christians show Jesus is god incarnate I can define and use resurrection effectively I can describe how Jesus' followers were shocked by the stories in the bible I can understand the impact of resurrection on how Christians view life and death</p> <p>Vocabulary: bible, incarnate, resurrection, Christian</p>	<p>French</p> <p>Cultural Project Give detailed accounts of the customs, history, and culture of the countries where French is spoken. Describe, with interesting detail, some similarities and differences between countries where French is spoken and this country.</p>
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