

Class 4 Curriculum Map 2021-22

	Maths	English	Science	Humanities	Art + DT	Outdoor Learning	Music	PE	RE/PSHE	Computing	French
Autumn Term	<p>Place Value Represent, compare & order numbers up to 10 million. Rounding numbers. Counting in powers of 10 Roman Numerals (Y5) Negative numbers.</p> <p>Four Operations Formal written methods for addition, subtraction, multiplication & division. Mental methods & reasoning from known facts. Factors & multiples. Multiplying and dividing by powers of 10. Primes, squares and cubes. Order of operations (Y6).</p> <p>Fractions Equivalence & simplifying. Comparing & ordering. Improper fractions & mixed numbers. Add, subtract & multiply fractions. Dividing fractions by whole numbers (Y6).</p>	<p>Instruction Writing – How to build an outdoor shelter</p> <p>Non-chronological report – The Solar System</p> <p>Poetry – using imagery to describe autumn</p> <p>Narratives based on class novel: 'The Boy at the Back of the Class' British Values + Debating – Refugee crisis Persuasive writing – letter to the home secretary. Book Review</p> <p>Anti-bullying Week – finding your voice in poetry</p> <p>SPAG: word classes – nouns, adjectives, verbs, adverbs, prepositions, determiners etc punctuation rules – revision plus introduction to colon, semi-colon, develop use of inverted commas and apostrophe.</p> <p>Guided reading based on novels and short extracts.</p>	<p>Earth and Space Movement of the Earth and other planets in relation to the sun. Movement of the moon. The day and night cycle.</p> <p>Forces Gravity Air & water resistance</p>	<p>Geography – Where in the World? Use maps and atlases, including identifying the equator, tropics & hemispheres. Understand day, night and time zones (links to science topic)</p> <p>Identify human and physical characteristics including environmental regions, climate zones, vegetation belts and biomes.</p> <p>Focus on economic activity including trade links, examining the Suez Canal and River Nile.</p>	<p>Art: Still Life and drawing from observation. Exploring the work of Paul Cezanne.</p> <p>ARTS WEEK – drawing from observation in our community with local artist.</p> <p>D&T: Water bottle rockets.</p>	<p>Survival – including building dens and firepit.</p> <p>Exploring the senses and mindfulness in the outdoors.</p>	<p>Exploring percussion and musical notation</p>	<p>Swimming Develop distance and stroke competency. Submersion and treading water. Perform safe self-rescue and understand water safety.</p> <p>Netball/High Five Defending & attacking positions. Tactical play.</p> <p>Gymnastics Link skills to create sequences. Develop flight movements on floor and vault.</p> <p>Dance Develop fluency and control. Create and perform dances in groups.</p>	<p>The gift of giving – Harvest Christmas</p> <p>Christian value: Respect</p> <p>Understanding Christianity: GOD – Understanding God as a loving and holy.</p> <p>RSHE – Families and friendships Managing friendships & peer influence.</p> <p>Belonging to a community Protecting the environment. Compassion towards others.</p>	<p>Internet safety Privacy in an online world. Identifying and acting upon unsafe situations. Managing online relationships.</p> <p>Coding Program simple animations and games using a block based programming language (Scratch). Decompose large problems into smaller parts. Use loop commands to simplify code.</p> <p>Debugging Identify and correct common errors in code.</p>	<p>Les Sports</p> <p>Recap on numbers to 100 and Greetings.</p>
Spring Term	<p>Fractions, Decimals and Percentages Finding fractions of an amount & finding the whole. Represent, compare & order numbers to 3 decimal places. Rounding decimals. Multiply and divide decimals by powers of 10. Add and subtract using decimals. Multiply and divide using decimals (Y6). Equivalent fractions, decimals and percentages. Percentages of amounts (Y6).</p> <p>Measurement Use, calculate and convert using metric measures. Time & duration. Perimeter, area & volume.</p> <p>Statistics Two-way tables. Line graphs.</p> <p>Ratio (Y6) Algebra (Y6)</p>	<p>Narrative writing – description of a winter setting.</p> <p>Poetry – The power of Imagery – James Reeves 'The Sea is a Hungry Dog'</p> <p>Writing inspired by Ancient Egypt topic: Letter in role from Howard Carter, Newspaper report about discovery of Tutankhamun/Class visit to World Museum. Information Text – pyramids Explanation text on mummification.</p> <p>GPS: develop understanding of word class and use of sophisticated punctuation in independent writing inc. dashes, brackets, hyphens,</p> <p>Guided reading–reading novels and extracts in groups.</p>	<p>Forces Friction Simple machines, including pulleys, levers and gears.</p> <p>Materials Compare properties of materials in relation to building an Egyptian Pyramid.</p>	<p>History – Ancient Egypt The achievements of the Ancient Egyptians – inc. pyramids</p> <p>Trip to Liverpool World Museum</p>	<p>Art: Art inspired by the Ancient Egyptians.</p> <p>3D work – African Masks in clay.</p> <p>D&T: Creating and using simple machines.</p>	<p>Outdoor Challenges problem solving and team building!</p>	<p>African Drumming</p>	<p>Hockey Safe & fair play. Tactics in larger group games.</p> <p>Lacrosse Passing and catching skills.</p> <p>Tri Golf Putting, striking and chipping with control. Developing own skills-based games.</p> <p>Tennis Develop individual shots. Maintain short rallies.</p>	<p>Lent and Easter Understanding Christianity: Salvation – What did Jesus do to save us? How was the crucifixion of Christ a sacrifice?</p> <p>Christian Value: Compassion</p> <p>RSHE – Media Literacy and Digital Resilience How information online is targeted. Different media types, their role and impact. Evaluating media sources.</p> <p>Relationships Managing friendships. Physical contact & feeling safe. Prejudice & discrimination.</p>	<p>Computer networks Search technologies & content algorithms Databases Using search technologies. Search engine and social media content ranking. Online fact checking.</p>	<p>Les Vetements</p> <p>Revise knowledge of colours and parts of the body</p>

Summer Term	<p>Properties of Shape Measure and calculate angles. Properties of regular & irregular shapes. Drawing and constructing shapes. 3D shapes and nets.</p> <p>Position & Direction Describe position on the coordinate grid. Reflect and translate shapes.</p> <p>Y6 SATS Preparation</p> <p>Consolidation & Revision</p>	<p>Explanation Texts – how shadows are formed/how light travels.</p> <p>Information leaflets – safety with electricity.</p> <p>Crime and Punishment – Information text.</p> <p>Short story based on animation: Sci-Fi 'Ruin' Film Review.</p> <p>Performance poetry – speaking and listening.</p> <p>Guided Reading – novels, poetry and short extracts. SATS preparation.</p> <p>GPS sentence grammar – verb tenses, passive and active, main/subordinate/relative clauses. Revision of all word classes</p>	<p>Electricity Voltage & the effect on components in a circuit. Circuit diagrams.</p> <p>Light Recognise that light travels in straight lines. Understand shadows. Relate the travel of light to how humans see.</p>	<p>History – Crime & Punishment Changes in an aspect of social history from the Anglo-Saxons to the present day.</p> <p>Fieldwork Use fieldwork to observe, measure and record human and physical features in local area.</p>	<p>Art: Landscape using water colours. Exploring the work of William Heaton Cooper.</p> <p>D&T: Design & build a “buzzer maze” using simple electronic components.</p>	<p>Geographical Fieldwork Map reading & orienteering. Identifying geographical features in the local area.</p> <p>3 days residential – Patterdale Hall</p>	<p>Reviewing and evaluating music and song.</p> <p>Singing and performance</p>	<p>Rounders Roles of bowler, back stop & fielders. Score and umpire games.</p> <p>Cricket Develop overarm bowl.</p> <p>Athletics Develop running style and pace. Choose and maintain different paces. Set targets to improve performance.</p> <p>OAA Work as a team to problem solve. Read maps and find control points in orienteering courses.</p>	<p>World Faiths – Islam</p> <p>Understanding Christianity – Kingdom of God: What kind of king is Jesus?</p> <p>Pentecost – Understanding of the Trinity</p> <p>Christian Value: Peace</p> <p>RSHE – Safe Relationships Recognising and managing pressure. Consent in different situations</p> <p>Health & Prevention Basic first aid. Sun safety. Responding in emergencies</p> <p>Puberty, Human Reproduction & Birth</p> <p>Secondary School Transitions (Year 6)</p>	<p>Data Use computers to collect data using different sensors. Compile and store data securely. Create charts and graphs to analyse data.</p>	<p>J'habite</p> <p>Revise countries and cities of Europe.</p>
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