



	English	Maths	Science	Religious Education
Common Topics Covered in KS2	<p><b>Writing</b> Narrative writing (historical, fantasy, sci-fi, horror)</p> <p>Writing to inform (newspaper article, recount, diary, report, guide, recount)</p> <p>Writing to persuade (formal letter, speech, advert)</p> <p>Writing to evaluate (discursive essay)</p> <p>Poetry</p> <p><b>Reading</b> Poetry (epic, haiku, nonsense, Victorian, war)</p> <p>Victorian Literature</p> <p>Common texts: War Horse, George's Marvellous Medicine, Holes, Wonder, Skellig.</p> <p><b>Speaking and Listening</b></p> <p>Reciting poetry</p> <p>Radio broadcast</p>	<p><b>Number</b> Place value</p> <p>Decimals</p> <p>Addition, subtraction, multiplication and division</p> <p>Fractions</p> <p>Algebra</p> <p>Ratio</p> <p><b>Measurement</b> Converting units</p> <p>Perimeter, area and volume</p> <p>Money</p> <p>Time</p> <p>Mass and capacity</p> <p><b>Geometry</b> Properties of shapes</p> <p>Position and direction</p>	<p>Light</p> <p>Electricity</p> <p>Animals including humans (movement, health and nutrition)</p> <p>Circulatory system</p> <p>Living things and their habitats</p> <p>Evolution and inheritance</p> <p>Properties and changes of materials</p> <p>Separating techniques</p> <p>Forces and magnets</p> <p>Earth and Space</p> <p>Scientific writing</p> <p>Magnetism</p> <p>Rocks</p>	<p>Family</p> <p>Belonging</p> <p>Loving</p> <p>Feast Days/Holy Days</p> <p>Community</p> <p>Relating</p> <p>Giving</p> <p>Serving</p> <p>Reconciliation</p> <p>Universal Church</p> <p>Other faiths – Judaism, Islam</p>



	English	Maths	Science	Religious Education
<b>Progression of Learning in Year 7</b>	<p><b>Sky Hawk and Travel Writing</b> Writing to persuade and inform (guide/letter)</p> <p>Understanding purpose, audience, format and tone</p> <p><b>Accelerated Reader Novel</b> Reading skills (fiction text): comprehension, supporting ideas with textual evidence, inference and analysis</p> <p>Writing to inform/entertain/persuade (diary, book review)</p> <p><b>Magazine Project</b> Writing to persuade (advertisement, article)</p> <p>Understanding target audience/demographics</p> <p>Reading skills (non-fiction tests): retrieval, supporting ideas with textual evidence and inference</p> <p><b>Nature Poetry</b> Analysing a poem (PEA paragraphs)</p> <p>Writing a poem</p> <p><b>Our Day Out</b> Analysing a play (PEA paragraphs)</p> <p>Writing to inform (newspaper article)</p>	<p><b>Number</b> Squares, Cubes, Powers of 2, Powers of 10 Multiplication and Division of large integers writing remainders as fractions and decimals Calculations with Negative Numbers Calculations with fractions and percentages Convert fractions, decimals and percentages including numbers greater than 1 Simplify ratios in the form 1:n and n:1 Calculate best buys</p> <p><b>Algebra</b> Simplify and collect like terms, expand single brackets and factorise linear Nth term of arithmetic sequences <math>y=mx+c</math> from graphs Solve including brackets, fractions, and negatives</p> <p><b>Geometry</b> Interior angles in polygons Draw plans and elevations Calculate volume of cubes and cuboids Translate shapes using vectors Reflect shapes in the lines <math>y=a</math> and <math>x=a</math> Rotate shapes around a centre of rotation Time conversions including decimal hours</p> <p><b>Data</b> Construct and interpret frequency polygons, frequency diagrams and pie charts Calculate and solve problems involving mode, median and range Introduction to probability scale and calculate probabilities of single events</p>	<p><b>Working scientifically</b> Key equipment, vocabulary and processes</p> <p><b>Cells</b> Differences between plant and animal cells, jobs and adaptations of specialised cells</p> <p><b>Particles</b> Properties of the 3 states of matter, separating mixtures using filtration, chromatography and distillation. Explanation of how particles move through diffusion and osmosis. Gas pressure, density and concentration</p> <p><b>Periodic table</b> Definitions of atoms, elements, compounds, mixtures. Understanding of how the periodic table is structured including its developments. Observing reactions of key groups in the periodic table</p> <p><b>Plants</b> Photosynthesis, structure of a leaf and transport around the plant</p> <p><b>Organisation</b> Digestive, circulatory, nervous and muscular skeletal systems. Respiration.</p> <p><b>Forces</b> Contact and non-contact forces. Forces on an accelerating, stationary, constant velocity car. Terminal velocity. Resultant forces. Moments. Gravity. Hooke's law</p> <p><b>Space</b> Structure of the Solar system. What makes night and day and Seasons. Moon phases.</p> <p><b>Acids and alkalis</b> PH scale and indicators. Neutralisation reactions and production of salts</p> <p><b>Reproduction</b> Fertilisation and male and female reproductive organs. Puberty and adolescence. Pollination of plants.</p> <p><b>Waves (Sound)</b> Longitudinal waves and their properties. Structure and function of the ear. Ultrasound and its uses.</p> <p><b>Electricity</b> Metallic bonding. Series and parallel circuits as well as introduction to components and key definitions such as amps.</p>	<p><b>Who is God</b> Truth, Revelation and the Trinity.</p> <p>Critical thinking skills and introduction to key concepts.</p> <p><b>Who is Jesus</b> Life in 1st Century Palestine, the incarnation, messiah and the greatest commandment.</p> <p>Understanding the historical Jesus and the context of the gospels.</p> <p><b>The Kingdom of God</b> Parables of God's Kingdom, the Sermon on the Mount.</p> <p>Showing an appreciation for metaphor and interpretation.</p> <p><b>Lent and Holy Week</b> Lent and Jesus' temptation in the desert, Palm Sunday, Maundy Thursday, Good Friday and Easter Sunday.</p> <p>Recounting historical events and the significance for Catholics today.</p> <p><b>Judaism</b> The synagogue, Bar Mitzvah, Shabbat, Mitzvah Day.</p> <p>Understanding another world faith. Encouraging diversity and respect.</p> <p><b>Sacramental Imagination</b> The 7 Sacraments. Baptism, Eucharist, God in everyday life.</p> <p>Reflecting on the role of faith in the life of a Catholic.</p>



# KS2 Curriculum Map

	History	Geography	MFL	Computing
<b>Common Topics Covered in KS2</b>	Ancient Greece	Field work skills	Phonetics	E-Safety
	Pre-Roman	Natural disasters, volcanoes, earthquakes	Numbers	Programming
	Britain: Stone Age to Iron Age	Map skills	Greetings	Algorithms
	The Roman Empire in Britain	Locational and place knowledge	Fruits and vegetables	Physical computing
	Anglo-Saxons and Scots	Time zones	Presenting myself	Video creation (visual and green screen)
	The Tudors	Rainforest biome/climate	Classroom	Sound
	The Normans	Rivers	House	Presentation (App prototype, interactive comics, digital posters)
	Mayan Civilization (Non-European Study)	South America	Family	Animation (character interviews, 3D animated cartoon)
	Local history		Clothes	Data Handling (online questionnaire, interactive story graphs)
	Egyptians		Pets	
	Vikings		Days/months	Computer Networks (understanding the internet, search engines, HTML)
	The Victorians			
	World War II			

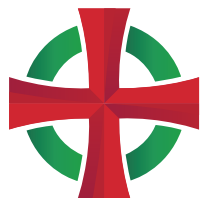


	History	Geography	MFL	Computing
Progression of Learning in Year 7	<p>Brief recap of primary school knowledge on pre-Medieval societies, e.g. Rome.</p> <p>Introduction to historical skills, e.g. sources.</p> <p>Overview of key periods of English history in chronological order:</p> <p>Norman Conquest – includes introduction to essays.</p> <p>Medieval England: society, church, ruler – includes introduction to source exams.</p> <p>Tudors: Reformation, Renaissance and ruling – knowledge exam focus.</p> <p>Stuarts: Parliament, Monarchy, people.</p>	<p><b>Geographical skills. Locational knowledge</b> Re-capping world knowledge and basic aspects such as physical and human geography, enhancement of local knowledge key geographical skills including atlas and mapping skills, 4/6 figure grid references</p> <p><b>River Study</b> Recognising typicality of river landscapes, describing processes which form these and typical features of a river valley</p> <p><b>Weather and Climate</b> Describing geographical processes, how weather events effect people, graphical and field study skills</p> <p><b>Urbanisation</b> Developing knowledge of place and typicality of urban areas and how these have changed overtime. Developing geographical writing using PEE</p> <p><b>India</b> Thematic study to develop understanding of place, to apply and practice knowledge and skills acquired across Year 7</p>	<p>Basic Greetings &amp; Personal information (name, birthday, personality, description)</p> <p>Talking about family</p> <p>Describing your classroom and opinion of school subjects. School uniform and school day.</p> <p>Christmas in France</p> <p>Hobbies and weather</p> <p>Poetry</p> <p>Saying where you live</p> <p>Describing a weekend in Paris</p> <p>Making arrangements and ordering snacks in a café</p> <p>Bastille Day</p>	<p><b>Using computers safely securely &amp; responsibly</b> Cyberbullying, social networking, data security and ethics</p> <p><b>Microbit and block programming</b> Block editing to program, variables &amp; use in programs, loops, random, if and else, iteration and selection and flowcharts</p>



# KS2 Curriculum Map

	PE	Art/DT	Music	Personal Development
Common Topics Covered in KS2	<b>Invasion</b>	Digital art (portraits)	Sing and play musically with increasing confidence and control.	Relationships
	Rugby	Sketching		Valuing Difference
	Football	Wire sculpture	Musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.	Identity
	Handball	People in action		Safety
	Netball	Designing a product	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments.	Rights and Responsibilities
	Basketball	Structures (earthquake proof buildings)	Use and understand musical notations	Keeping Healthy
	<b>Net and Wall</b>	Sewing and Printing	Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians	Treating Others with Respect
	Badminton	Collage	Develop an understanding of the history of music.	Accidents and Emergencies
	Tennis	Silhouettes		Media Influence
	Table Tennis	Watercolour and landscape		Drugs
	<b>Striking and Fielding</b>	Electrical and mechanical systems		Growing and Changing
	Rounders	Sculpture		Identity
	Cricket	Impressionist art		Money
	Gymnastics	Egyptian art		Environment
	Dance	Abstract painting		
	Athletics	Pop Art		



# Holy Cross

CATHOLIC HIGH SCHOOL

## KS2 Curriculum Map

	PE	Art/DT	Music	Personal Development
Progression of Learning in Year 7	<p>Develop knowledge of how to use basic skills within a range of team and individual sports.</p> <p>Apply basic tactics to a variety of competitive situations.</p> <p>Develop knowledge of how to perform an effective warm up and why we do so.</p> <p>Develop understanding of how to self-evaluate and consequently improve performance.</p> <p>Develop leadership skills in order to lead own skill related drill/warm up.</p> <p>Develop knowledge of key terms within Physical Education.</p> <p>Develop cultural capital through accessing extra-curricular opportunities within the department.</p>	<p><b>ART</b> Demonstrate their ability to bring together their knowledge, understanding connections and skills</p> <p>Evidence of written annotation</p> <p>Research on an artist showing connections within their own work</p> <p>Creative skills</p> <p>Experimentations using a mixture of materials and techniques</p> <p>Imprints/batik/printing skills.</p> <p>Primary and secondary studies, test pieces and initial ideas using mixed materials.</p> <p>Final designs refined</p> <p><b>PRODUCT DESIGN</b> Iterative design process</p> <p>Design brief</p> <p>Product analysis</p> <p>Electronic components (symbols and their uses)</p> <p>Resistors (Calculating values)</p> <p>Circuit diagrams</p> <p>Writing a specification</p> <p>Sketching (crating and ovals techniques)</p> <p>Presentation drawings and annotating.</p> <p>Modelling, development and modifications.</p> <p>CAD (2D Design) basics</p> <p>Record of manufacture</p> <p>Evaluating</p>	<p>Baseline Test - listening, genres and basic composition.</p> <p>Graphic scores and musical elements.</p> <p>Learning to follow and create pictures of sound.</p> <p>Musical Structures—learning musical forms, characterisation and instrumentation.</p> <p>Reading musical notation.</p> <p>Basic keyboard skills.</p> <p>Find your voice—learning to sing in acapella groups.</p> <p>Major/minor—emotions and characters.</p> <p>Basic ukulele skills</p> <p>3 chord mash-ups - using keyboard ukulele and voice.</p>	<p>Introduction to careers</p> <p>Enterprise tasks</p> <p>Further Education</p> <p>Keeping healthy inside and out</p> <p>Friendships</p> <p>Consent and boundaries</p> <p>Healthy relationships</p> <p>Puberty and hygiene</p> <p>Staying safe online</p> <p>Reproduction</p>