

Year Group: 5 Teacher: Mr Ascroft	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
RE	Creation and Covenant Children will learn about: <ul style="list-style-type: none"> Moses encountering God and the covenant of the Ten Commandments The Ten Commandments and how enable God's people to flourish How virtues guide people to live out Jesus' Mission 	Prophecy and Promise Children will learn about: <ul style="list-style-type: none"> The significance of the great kings within the Old Testament David's life from being anointed a king, to his death How Jesus fulfils the promises made to David 	Galilee to Jerusalem Children will learn about: <ul style="list-style-type: none"> Jesus' law and the parable of living by the law in The Good Samaritan The Beatitudes and how they show the loving face of Christ The transfiguration of Jesus, revealing his divine glory 	Desert to Garden Children will learn about: <ul style="list-style-type: none"> The season of Lent The impact of sin and conscience and how they affect our relationship with God The Last Things: death, judgement, heaven, purgatory and hell 	To the Ends of the Earth Children will learn about: <ul style="list-style-type: none"> The importance of the Holy Spirit and how it helps us understand Jesus How confirmation creates a closer bond with Jesus and the Church The importance of discipleship 	Dialogue and Encounter Children will learn about: <ul style="list-style-type: none"> The importance of the Old and New Testament God's covenant with Abraham The relationship between Judaism and Christianity
English	Focus Text: Beowulf  Author: Morpurgo Genres: Historical narrative Non-chronological report	Focus Text: The Sage of Erik the Viking  Author: Jones Genres: Myths and Legends Recount- journalistic writing	Focus Text: Asha and the Spirit Bird  Author: Bilal Genres: Adventure narrative Explanation text	Focus Text: The Firework Maker's Daughter  Author: Pullman Genres: Mystery narrative Cinquain Poetry	Focus Text: The Boy in the Tower  Author: Bunzl Genres: Balanced argument Science fiction narrative	Focus Text: Parvana's Journey  Author: Dworkin Genres: Recount- diary entry Dilemma narrative
Maths	Reasoning with Large Whole Integers Children will learn to: <ul style="list-style-type: none"> Read, write, order and compare numbers up to one million Round numbers within one million to the nearest multiple of powers of ten Read Roman numerals up to M Integer Addition and Subtraction Children will learn to: <ul style="list-style-type: none"> Use rounding to estimate Use a range of mental calculation strategies to add and subtract integers Illustrate and explain the written method of column addition and subtraction Select efficient calculation strategies Line Graphs and Timetables Children will learn to: <ul style="list-style-type: none"> Complete, read and interpret data presented in line graphs Read and interpret timetables including calculating intervals 	Multiplication and Division Children will learn to: <ul style="list-style-type: none"> Identify multiples and factors Investigate prime numbers Multiply and divide by 10, 100 and 1000 (integers) Multiply and divide using derived facts Use written methods to multiply and divide Use a range of mental calculation strategies Perimeter and Area Children will learn to: <ul style="list-style-type: none"> Investigate area and perimeter of rectilinear shapes Estimate area of non-rectilinear shapes 	Fractions and Decimals Children will learn to: <ul style="list-style-type: none"> Read, write, order and compare decimals Round decimals to the nearest whole number Represent, identify, name, write, order and compare fractions (including improper and mixed numbers) Calculate fractions of amounts Angles Children will learn to: <ul style="list-style-type: none"> Classify, compare and order angles Measure a draw angles with a protractor Understand and use angle facts to calculate missing angles 	Fractions and Percentages Children will learn to: <ul style="list-style-type: none"> Add, subtract fractions with denominators that are multiples of the same number Multiply fractions (and mixed numbers) by a whole number Explore percentage, decimal, fractions equivalence Transformations Children will learn to: <ul style="list-style-type: none"> Coordinates in all four quadrants Translation and reflection Calculate intervals across zero as a context for negative numbers 	Converting Units of Measure Children will learn to: <ul style="list-style-type: none"> Convert between metric units of length, mass and capacity and units of time Know and use approximate conversion between imperial and metric Calculating with Whole Numbers and Decimals Children will learn to: <ul style="list-style-type: none"> Mental strategies to add and subtract involving decimals Formal written strategies to add, subtract and multiply involving decimals Multiply and divide decimal numbers by ten, 100 and 1,000 Derive addition, subtraction and multiplication facts involving decimals 	2D and 3D Shape Children will learn to: <ul style="list-style-type: none"> Classify 2-D shapes and reason about regular and irregular polygons Properties of diagonals of quadrilaterals Classify 3-D shapes 2-D representations of 3-D shapes Volume Children will learn to: <ul style="list-style-type: none"> Use cube numbers and notation Estimate volume Convert units of volume Problem Solving Children will learn to: <ul style="list-style-type: none"> Negative numbers and calculating intervals across zero Calculating the mean Interpret remainders Investigate numbers: consecutive, palindromic, multiples
Science	 Earth and Space Children will learn to: <ul style="list-style-type: none"> Describe the movement of the moon relative to the Earth 	 Forces Children will learn to: <ul style="list-style-type: none"> Explain that unsupported objects fall towards the Earth because of the force 	 Materials: Properties and Changes Children will learn to: <ul style="list-style-type: none"> Compare and group together everyday materials on the basis of their properties Know that some materials will dissolve in liquid to form a 	 Life Cycles Children will learn to: <ul style="list-style-type: none"> Describe the differences in the life cycles of a 	 Growing Older Children will learn to: <ul style="list-style-type: none"> Describe the changes as humans develop as they grow old 	

	<ul style="list-style-type: none"> Describe the sun, Earth and moon as approximately spherical bodies Use the idea of the Earth's rotation to explain why we experience day and night and why the sun appears to move across the sky during the day. 	<ul style="list-style-type: none"> of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction that act between moving surfaces. Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect 	<ul style="list-style-type: none"> solution and describe how to recover a substance from that solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated and should be taught to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials Demonstrate that dissolving, mixing and changes of state are reversible changes, explain that some changes result in the formation of new materials, and that this kind of change is usually irreversible Understand the changes associated with burning and the action of acid on bicarbonate of soda 	<ul style="list-style-type: none"> mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals 	
History	 <p>Anglo-Saxons and Scots Children will learn to:</p> <ul style="list-style-type: none"> Study Britain's settlement by Anglo-Saxons and Scots to develop their chronological understanding of British history Acquire historical knowledge whilst developing their use of historical concepts to build up a picture of Britain's past 	 <p>Vikings Children will learn to:</p> <ul style="list-style-type: none"> Study the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor to develop their chronological understanding of British history Acquire historical knowledge whilst developing their use of historical concepts to build up a picture of Britain's past 			 <p>Baghdad and the Middle East Children will learn to:</p> <ul style="list-style-type: none"> Study a non-European society that provides contrasts with British history. Study Baghdad c. AD 900 in depth, acquiring historical knowledge whilst developing their use of historical concepts to draw comparison with other civilisations studied
Geography			 <p>Asia: Mountains, Volcanoes and Earthquakes Children will learn to:</p> <ul style="list-style-type: none"> Locate the world's countries, using maps to focus on different continents, concentrating on the environmental regions, key physical and human characteristics, countries, and major cities Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region within different continents Describe and understand key aspects of mountains, volcanoes and earthquakes 	 <p>Biomes and Vegetation Children will learn to:</p> <ul style="list-style-type: none"> Locate biomes across the world and compare the locations with that of climate zones Identify flora and fauna of different biomes and the characteristics they have that allow them to survive there 	
Art	<p>Drawing Space Race Children will learn to:</p> <ul style="list-style-type: none"> Consider the purpose of drawings 	<p>Card Craft Printing- Christmas Children will learn to:</p> <ul style="list-style-type: none"> Use acrylic print pads to create a print and negative and add colour using watercolours 	<p>Sculpture Interactive Installation Children will learn to:</p> <ul style="list-style-type: none"> Use inspiration of historical monuments and modern installations to research, plan and draw a sculpture to fit a design brief 	<p>Card Craft Weaving- Mother's Day Children will learn to:</p> <ul style="list-style-type: none"> Use mixed fabrics to weave a background on a frame and add an appliqué flower <p>Handmade paper- Easter Children will learn to:</p> <ul style="list-style-type: none"> Make paper using additives and use to create 3D flowers that can be added to an Easter scene 	<p>Painting and Mixed Media Portraits Children will learn to:</p> <ul style="list-style-type: none"> Investigate self-portraits by a range of artists
Design Technology		<p>Cooking What Could Be Healthier? Children will learn to:</p> <ul style="list-style-type: none"> Research and modify a traditional recipe to make it healthier 		<p>Digital World Monitoring Devices Children will learn to:</p> <ul style="list-style-type: none"> Develop 3D CAD skills by learning how to navigate the Tinker Cad interface and essential tools and use 	<p>Mechanical systems Making a pop-up book Children will learn to:</p> <ul style="list-style-type: none"> Create a four-page pop-up storybook design incorporating a range of mechanisms and

				program Micro: bits		decorative features, including: structures, levers, sliders, layers and spacers
PE	Hockey Children will learn to: <ul style="list-style-type: none"> • Dribble, pass, receive, tackle, create and use space to shoot • Plan strategies and use tactics, observing and providing feedback 	Dance Children will learn to: <ul style="list-style-type: none"> • Perform a variety of dance actions, collaborating and considering an awareness of others • Create, observe and provide feedback to improve 	Fitness Children will learn to: <ul style="list-style-type: none"> • Build strength, speed, agility and coordination • Develop perseverance and determination • Support and encourage others, working collaboratively 	Cricket Children will learn to: <ul style="list-style-type: none"> • Throw underarm and overarm and catch • Observe and provide feedback, selecting and applying strategies 	Volleyball Children will learn to: <ul style="list-style-type: none"> • Volley, set, dig, serve and ready position • Use tactics, selecting and applying skills, identifying strengths and areas for development 	Athletics Children will learn to: <ul style="list-style-type: none"> • Pace, sprinting techniques, relay changeovers and jumping for distance. • Collaborate with others and support others.
Music		Composition Notation Children will learn to: <ul style="list-style-type: none"> • Know that simple pictures can be used to represent the structure (organisation) of music • Understand that a slow tempo and a minor key (pitch) can be used to make music sound sad • Understand that in written staff notation, notes can go on or between lines, and that the lines show the pitch of the note 	The Blues Children will learn to: <ul style="list-style-type: none"> • Understand that a chord is the layering of several pitches played at the same time • Know that 12-bar Blues is a sequence of 12 bars of music, made up of three different chords • Know that 'blues' music aims to share feelings and blues songs tend to be about sadness or worry • Know that a 'bent note' is a note that varies in its pitch, e.g. the pitch may slide up or down • Understand that a chord is the layering of several pitches played at the same time 	South and West Africa Children will learn to: <ul style="list-style-type: none"> • Know that songs sung in other languages can contain sounds that are unfamiliar to us, like the clicks of the Xhosa language • Know that 'The Click Song' is a traditional song sung in the Xhosa language and is believed to bring good luck at weddings • Understand that major chords create a bright, happy sound • Know that poly-rhythms means many rhythms played at once 		Composition to Represent the Festival of Colour Children will learn to: <ul style="list-style-type: none"> • Know that a vocal composition is a piece of music created only using voices • Understand that varying effects can be created using only your voice, for example by changing the pitch, dynamic or tempo of the sound made • Understand that human voices have their own individual timbre, and that this can be adapted by using the voice in different ways • Know that the duration of a note or phrase in music can be shown using a repeated symbol or the size of a symbol on a graphic score
Computing	iDraw Children will learn to: <ul style="list-style-type: none"> • Use digital tools to create a vector drawing according to a design 		iWeb Children will learn to: Edit and create a webpage using images, text and styling iSafe Children will learn to: Understand the concept of personal and private information and personal safety in real life and in 'online life'		iModel Children will learn to: Use a variety of software to create a program for a given purpose	
RSE	Religious Understanding <ul style="list-style-type: none"> • Calming the Storm • Gifts and Talents 	Me, My Body, My Health <ul style="list-style-type: none"> • Girl's bodies • Boy's bodies • Spots and Sleep 	Emotional Wellbeing <ul style="list-style-type: none"> • Body Image • Funny Feelings • Emotional Changes • Seeing Stuff Online Life Cycles <ul style="list-style-type: none"> • Making Babies (Part One Only*) • Menstruation 	Religious Understanding <ul style="list-style-type: none"> • Hope Beyond Death • Is God Calling You? Personal Relationships <ul style="list-style-type: none"> • Under Pressure • Do You Want a Piece of Cake? • Self- Talk 	Keeping Safe <ul style="list-style-type: none"> • Sharing isn't Always Caring • Cyberbullying • Types of Abuse • Impacted Lifestyles • Making Good Choices • Giving Assistance 	Religious Understanding The Trinity Catholic Social Teaching Living in the Wider World Reaching Out
French	French Monster Pets	Space Explorations in French	Shopping in France	French Speaking World	Verbs in a French Week	Meet My French Family