



Year 5 Curriculum Map

Autumn Term		
Subject	Area of Learning	Key knowledge
Art	<ul style="list-style-type: none">Monet - colour	<ul style="list-style-type: none">Use a sketchbook to collect ideas, develop ideas and annotate.Mix and match colours to create atmosphere.The name, nationality, style and famous works of Claude Monet
Computing	<ul style="list-style-type: none">E-SafetyTechnology in our lives	<ul style="list-style-type: none">Recognise and select effective strategies for managing passwordsDescribe what bullying online may look like on these different forms of mediaMake use of a web search to find specific information
Design Technology	<ul style="list-style-type: none">Playgrounds - structures	<ul style="list-style-type: none">To know that structures can be strengthened by manipulating materials and shapes.
Geography	<ul style="list-style-type: none">Maps	<ul style="list-style-type: none">Identify different counties in the UK.Use 6 figure grid references.
History	<ul style="list-style-type: none">Anglo Saxons	<ul style="list-style-type: none">To understand who the Saxons, Angles, Jutes and Scots were and where they came from.Identify the difference between primary and secondary sourcesCompare an aspect of life with the same aspect in another period
Languages	<ul style="list-style-type: none">Salut GustaveA l'école	<ul style="list-style-type: none">Know how to say a variety of greetingsKnow how to introduce people using appropriate grammar.Know how to name a range of objects within the classroom.
Music	<ul style="list-style-type: none">Composition notationBlues	<ul style="list-style-type: none">To know that simple pictures can be used to represent the structure (organisation) of music.To understand that a slow tempo and a minor key (pitch) can be used to make music sound sad.To understand that in written staff notation, notes can go on or between lines, and that the lines show the pitch of the note.To understand that a chord is the layering of several pitches played at the same time.To know that 12-bar Blues is a sequence of 12 bars of music, made up of three different chords.To know that a 'bent note' is a note that varies in its pitch, eg the pitch may slide up or down.
PE	<ul style="list-style-type: none">GymnasticsGamesDance	<p>(By the end of the school year)</p> <ul style="list-style-type: none">Know and understand the reasons for warming up and cooling down.Explain some safety principles when preparing for and during exercise.Perform own longer, more complex sequences in time to music.Consistently perform and apply skills and techniques with accuracy and control.

		<ul style="list-style-type: none"> Choose and use criteria to evaluate own and others' performances. Explain why they have used particular skills or techniques, and the effect they have had on their performance.
PSHE	<ul style="list-style-type: none"> Being me in my world Celebrating difference 	<ul style="list-style-type: none"> Understand how democracy and having a voice benefits the school community Understand how to contribute towards the democratic process Understand the rights and responsibilities associated with being a citizen in the wider community and their country Empathy for people whose lives are different from their own Consider their own actions and the effect they have on themselves and others Be able to work as part of a group, listening and contributing effectively Know external forms of support in regard to bullying e.g. Childline Know that bullying can be direct and indirect Know what racism is and why it is unacceptable Appreciate the value of happiness regardless of material wealth Identify their own culture and different cultures within their class community Develop respect for cultures different from their own
RE	<ul style="list-style-type: none"> Belief into action – Sikhism Christmas 	<ul style="list-style-type: none"> Describe what Christians learn from the Christmas story. Use correct vocabulary to describe how Sikhs show their faith
Science	<ul style="list-style-type: none"> Mixtures and Separation Properties and Change 	<ul style="list-style-type: none"> Some substances will dissolve in a liquid to form a solution. The factors that affect the time taken to dissolve, including temperature and stirring. Some liquids and solids can be separated using sieving, filtering and evaporation and to describe these processes. To describe a broader range of materials and their properties, including hardness, solubility, transparency, conductivity and response to magnets. Dissolving, mixing and changes of state are reversible changes. Some changes result in the formation of new materials, which are usually irreversible (e.g. burning, rusting, the action of acid on bicarbonate of soda).

Spring Term		
Subject	Area of Learning	Key knowledge
Art	<ul style="list-style-type: none"> Gaudi - sculpture 	<ul style="list-style-type: none"> Plan and create a wire sculpture to a specific design. The name, nationality, style and famous works of Antoni Gaudi

Computing	<ul style="list-style-type: none"> Handling data – databases Programming - Scratch 	<ul style="list-style-type: none"> Choose which field and value are required to answer a given question Design the flow of a program which contains ‘if... then... else...’ Develop and improve my program further by debugging it
Design Technology	<ul style="list-style-type: none"> Stuffed toys - textiles 	<ul style="list-style-type: none"> To know that blanket stitch is useful to reinforce the edges of a fabric material or join two pieces of fabric. To know that soft toys are often made by creating appendages separately and then attaching them to the main body. To know that small, neat stitches which are pulled taut are important to ensure that the soft toy is strong and holds the stuffing securely.
Geography	<ul style="list-style-type: none"> Zones 	<ul style="list-style-type: none"> Describe the different climate zones and vegetation belts on a global scale. Describe how humans are impacted both positively and negatively by physical features.
History	<ul style="list-style-type: none"> Kingdom of Benin 	<ul style="list-style-type: none"> Know how the kingdom of Benin formed To know about the Benin Kingdom from different artefacts. Compare accounts of events from different sources – fact or fiction
Languages	<ul style="list-style-type: none"> La nourriture En ville 	<ul style="list-style-type: none"> Know how to give simple instructions in the <i>vous</i> form Know how to order certain foods in French Know how to name certain places in a town or village
Music	<ul style="list-style-type: none"> South and West Africa 	<ul style="list-style-type: none"> To understand that major chords create a bright, happy sound. To know that poly-rhythms means many rhythms played at once.
PE	<ul style="list-style-type: none"> Games Swimming 	<p>(By the end of the school year)</p> <ul style="list-style-type: none"> Know and understand the reasons for warming up and cooling down. Explain some safety principles when preparing for and during exercise. Perform own longer, more complex sequences in time to music. Consistently perform and apply skills and techniques with accuracy and control. Choose and use criteria to evaluate own and others’ performances. Explain why they have used particular skills or techniques, and the effect they have had on their performance.
PSHE	<ul style="list-style-type: none"> Dreams and goals Healthy me 	<ul style="list-style-type: none"> Know about a range of jobs that are carried out by people I know Know the types of job they might like to do when they are older Know that young people from different cultures may have different dreams and goals Verbalise what they would like their life to be like when they are grown up Appreciate the contributions made by people in different jobs Reflect on the differences between their own learning goals and those of someone from a different culture Know basic emergency procedures, including the recovery position Know how to get help in emergency situations Know that the media, social media and celebrity culture promotes certain body types

		<ul style="list-style-type: none"> • Respect and value their own bodies • Can reflect on their own body image and know how important it is that this is positive • Recognise strategies for resisting pressure
RE	<ul style="list-style-type: none"> • Beliefs and moral values – Sikhism • Easter 	<ul style="list-style-type: none"> • Explore how Sikhs show commitment to God. • Say how some events in Holy Week tell Christians about Jesus' identify and purpose.
Science	<ul style="list-style-type: none"> • Earth and Space • Life Cycles and Reproduction 	<ul style="list-style-type: none"> • The Sun is a star at the centre of our Solar System. • The Sun, Earth and Moon are approximately spherical bodies. • The names, order and relative positions of the planets and other main celestial bodies. • A moon is a celestial body that orbits a planet and give examples of moons that orbit other planets. • The Earth and other planets orbit around the Sun. • A life cycle shows the changes an animal or plant goes through until the reproduction of a new generation when the cycle starts again. • All living things must reproduce for the species to survive. • Sexual reproduction requires two parents whereas asexual reproduction only requires one parent. • There are different processes plants and animals use to reproduce (asexual and sexual reproduction). • There are a range of jobs and careers that use scientific knowledge and methods.

Summer Term		
Subject	Area of Learning	Key knowledge
Art	<ul style="list-style-type: none"> • Escher - drawing 	<ul style="list-style-type: none"> • Apply the effect of light on objects from different directions. • The name, nationality, style and famous works of M C Escher
Computing	<ul style="list-style-type: none"> • Multimedia – Vector images 	<ul style="list-style-type: none"> • Create a vector drawing for a specific purpose
Design Technology	<ul style="list-style-type: none"> • What could be healthier? – food and nutrition 	<ul style="list-style-type: none"> • To understand that 'cross-contamination' means bacteria and germs have been passed onto ready-to-eat foods and it happens when these foods mix with raw meat or unclean objects. • To understand where meat comes from - learning that beef is from cattle and how beef is reared and processed, including key welfare issues. • To know that I can adapt a recipe to make it healthier by substituting ingredients.
Geography	<ul style="list-style-type: none"> • Volcanoes • Fieldwork 	<ul style="list-style-type: none"> • Explain how a volcano is formed and what causes an eruption • Use 6 figure grid references.

		<ul style="list-style-type: none"> Use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.
History	<ul style="list-style-type: none"> Beyond 1066 - World War II 	<ul style="list-style-type: none"> Know about the events leading to the outbreak of World War II. Know about a variety of key events from World War II. Know and sequence key events of time studied
Languages	<ul style="list-style-type: none"> En vacances Chez moi 	<ul style="list-style-type: none"> Know how to name things they like and dislike Understand vocabulary related to houses and homes
Music	<ul style="list-style-type: none"> Composition to represent the festival of colour 	<ul style="list-style-type: none"> To understand that varying effects can be created using only your voice, for example by changing the pitch, dynamic or tempo of the sounds made. To understand that human voices have their own individual timbre, and that this can be adapted by using the voice in different ways. To 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.
PE	<ul style="list-style-type: none"> Games Athletics 	<p>(By the end of the school year)</p> <ul style="list-style-type: none"> Know and understand the reasons for warming up and cooling down. Explain some safety principles when preparing for and during exercise. Perform own longer, more complex sequences in time to music. Consistently perform and apply skills and techniques with accuracy and control. Choose and use criteria to evaluate own and others' performances. Explain why they have used particular skills or techniques, and the effect they have had on their performance.
PSHE	<ul style="list-style-type: none"> Relationships Changing me 	<ul style="list-style-type: none"> Know that there are rights and responsibilities in an online community or social network Know that too much screen time isn't healthy Know how to stay safe when using technology to communicate with friends Can identify when an online community/social media group feels risky, uncomfortable, or unsafe Can say how to report unsafe online/social network activity Can identify when an online game is safe or unsafe Know how girls' and boys' bodies change during puberty and understand the importance of looking after themselves physically and emotionally Know that sexual intercourse can lead to conception Know that becoming a teenager involves various changes and also brings growing responsibility Can celebrate what they like about their own and others' self-image and body image Can suggest ways to boost self-esteem of self and others Recognise that puberty is a natural process that happens to everybody and that it will be OK for them

RE	<ul style="list-style-type: none"> • Prayer and worship – Sikhism • Beliefs and practices - Christianity 	<ul style="list-style-type: none"> • Understand the fundamentals of Sikhism – that Sikhs believe in one God, worship in a gurdwara and the meaning of the 5 k's • Explore how Christians show commitment to God.
Science	<ul style="list-style-type: none"> • Unbalanced Forces • Human Timeline • Investigation – Does the Size of an Asteroid Affect its Impact Strength? 	<ul style="list-style-type: none"> • Gravity is a non-contact force that pulls objects together. • Air resistance and water resistance are both types of friction. • Unsupported objects fall towards the Earth because of gravity. • Friction, air resistance and water resistance act in the opposite direction of a moving object. • When forces are unbalanced, the speed, shape or direction of an object changes. • How to describe the human life cycle, including the stages of growth and development (baby, toddler, child, teenager, adult, elderly). • How to describe changes that occur during puberty (in boys and girls). • Gestation periods vary across mammals. • A range of jobs and careers that use scientific knowledge and methods. • The methods and equipment used by scientists throughout history and how these have led to modern methods.