

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2			
National & School Events		Black History Month Harvest Celebration	Anti-Bullying Week Road Safety Awareness Week Remembrance Day Christmas Children in Need	Number Day Safer Internet Day Children's Mental Health Week	Science Week Book Week Autism Awareness Week Red Nose Day	Mental Health Awareness Cultural Diversity Week	Sports Week Summer Fair			
Core Learning values:		<i>Excellence</i>	<i>Resilience</i>	<i>Respect</i>	<i>British Values: Democracy</i>	<i>Mutual Respect</i>	<i>Individual Liberty</i>	<i>The Rule of Law</i>	<i>Tolerance of those of different</i>	<i>Faiths & Beliefs</i>
Reading	Reading Threshold Concepts: Reading widely and often Developing fluency Construct meaning Reading discussions Wider world	Unit 1: VRS - The diary of the Killer Cat Unit 2: TOB- Extra Yarn	Unit 1: VRS- Angus Rides the Goods Train Unit 2: TOB- Lighter than Air	Unit 1: VRS- The Demon Headmaster Unit 2: TOB- Cinderella of the Nile	Unit 1: VRS- Fantastic Mr Fox Unit 2: TOB- Moon Juice	Unit 1: VRS- Dragonory Unit 2: TOB- Blue John	Unit 1: VRS- The Indian in the Cupboard Unit 2: TOB- The Pebbles in my Pocket			
Writing	Writing Threshold Concepts: Communicate Spelling Organise information and ideas Vary sentence structures Handwriting Revise and evaluate	Memoirs Fairy Tales Information		People's history Fables Science report		Speech writing Fairy Tales (repeated project) Poetry-animals and pets				
Maths	Threshold Concepts: Fluency Reasoning Problem Solving	Number: Place Value up to 1000 Number: Addition and Subtraction Number: Multiplication and Division		Number: Multiplication and Division Measurement: Money Measurements: Time Number: fractions, decimals		Measurements: Length, mass, volume, perimeter Geometry: Properties of Shapes: Angles, lines and shapes Statistics: Picture and bar graphs				
Science	Threshold Concepts: Structures and function Cause and effect Variation, diversity and change Scientific processes and methods	Animals including humans Structure and function – bones, skeletons and muscles Cause and effect – the effects of too much or too little nutrients -The effect of different foods on the body Scientific processes and methods – Set up a practical enquiry about muscles -Research vitamins and the food that contain them	Rocks Structure and function – the structure of soil Variation, diversity and change – name the 3 different types of rocks - Describe how animals can turn into fossils Scientific processes and methods – compare and group rocks -Research the work of Mary Anning	Forces and Magnets Cause and effect – exploring the effects of friction – explore the effect of magnets and their poles Scientific processes and methods – Does magnet size affect the strength of the magnet? (pattern seeking)	Plants Structure and function – The function of plant parts Cause and effect – Life cycle of a flowering plant Scientific processes and methods – investigate how water is transported in plants (observation over time)	Plants Structure and function – the functions of different plant parts Cause and effect – the effects of water, light, space, nutrients and air on plant growth Variation, diversity and change – the variation of a plants needs depending upon variety Scientific processes and methods – classify plants using many criteria	Light Cause and effect – the absence of light is dark -Shadows are formed where a light source is blocked -Eyes can be damaged by looking at the sun Scientific processes and methods - investigate light sources and shadow size (fair test)			
Art	Threshold Concepts: Develop ideas- Media Master techniques - Visual Element Take inspiration from the greats	Media: Collage / Painting Rock, Paper, Scissors Artistic process - To refine their work with precision using different brushes and experiment with with colour for effect and mood Master techniques of refining their work with precision using different media and techniques being developed such as tearing and arranging Master technique of colour mixing effectively such as tint, shade, primary and secondary Take inspiration from the greats: Ellen Hyllemose		Media: Sculpture Building And Structure Artistic process - To understand more decorating sculptures and adding expression through texture. To apply techniques to add details Master techniques of constructing simple base to extending other shapes Take inspiration from the greats: Amba Sayel Bennett, Emma Papsworth and Eduardo Paolozzi		Media: Drawing Art Form In Nature Artistic process- Introduce different types of brushes for specific purposes Show the difference between primary and secondary colours through colour wheels and the use of fluorescent colours Master technique of using a range of brushes/tools to create different effects such as blending, layering and smoothing (colour, texture, and value) Take inspiration from the greats: Karl Blossfeldt and Andy Goldsworthy				
DT	Threshold Concepts: Master process of design and be Innovative Take inspiration from design throughout history and draw upon core disciplines Health & Well-being	Shell structures - Glass Bauble Packaging MASTER PROCESS OF DESIGN AND BE INNOVATIVE Designing- Explore a range of packaging and how nets are used. Investigate a variety of methods of joining materials, how to strengthen and provide rigidity and manipulate materials to behave in a certain manner. Study marketing strategies - ways in which to showcase the contents within a shell structure. Making – Develop fluency in making and joining techniques. Handle a variety of tools with safety and accuracy. Consider the product's appearance aesthetically. Evaluate- Test suitability of product against project brief. Evaluate packaging using user criteria. TAKE INSPIRATION FROM DESIGN THROUGHOUT HISTORY AND DRAW UPON CORE DISCIPLINES		Cooking and Nutrition - Savoury Muffins MASTER PROCESS OF DESIGN AND BE INNOVATIVE Designing – Investigate and compare sweet vs savoury muffins. Identify savoury taste profile combinations. Consider texture and health benefits. Making- Develop food preparation skills and use appropriate equipment safely and accurately. Explore the impact of food mixing techniques and explain choices. Evaluate - Tasting and evaluating user's preference; evaluating ideas and finished products against original criteria. TAKE INSPIRATION FROM DESIGN THROUGHOUT HISTORY AND DRAW UPON CORE DISCIPLINES Using various sources (internet, recipe books, magazines and books) to explore various recipes and flavours. Exploring different types of decorations and toppings to make the muffins more aesthetically appealing. HEALTH & WELL-BEING The knowledge of how ingredients are used in different recipes The knowledge of different mixing techniques Nutrition: Identify ways to promote the concept of savoury muffins and consider the balance of nutrition in final product.		Mechanisms - Moving Monsters MASTER PROCESS OF DESIGN AND BE INNOVATIVE Designing –Explore objects/toys that utilise pneumatic systems to create movement. Understand cause and effect. Investigate ways to embed mechanism within the product.. Making - Construct effective pneumatic systems. Apply knowledge of joining & scoring techniques. Manage how the pneumatic system is embedded and controlled by the user. Evaluate - Know how to evaluate their product as a team and suggest improvements and/or modifications to improve the final product. TAKE INSPIRATION FROM DESIGN THROUGHOUT HISTORY AND DRAW UPON CORE DISCIPLINES Learning all about simple pneumatic systems Seeing and comparing different examples of pneumatic systems Learning that changes in air pressure can cause movement HEALTH & WELL-BEING Work safely and accurately with a range of simple hand tools Why do we have pneumatic systems? How do they help us? What precautions must be taken when producing pneumatic systems? Think of examples where pneumatic systems could be potentially dangerous.				

Computing	Threshold Concepts: Code Connect Communication Collect	We are programmers (3.1) Programming Code - Use of repeat commands Familiar with coding blocks such as motion, look, sound, event. Connect - Break task into smaller parts Explore how to put programming commands into a sequence to achieve a specific outcome Understand how to test my program and recognise when I need to debug Communicate - Describe algorithm	We are Bug Fixers (3.2) Computational Thinking Internet Alert Code - Identify and explain different types of bugs Connect - Explore positive behaviour on the Scratch community Communicate - Explain different strategies and build on resilience	Safer Internet Day activities Digital Literacy Internet Sharp Connect - Explore how to make positive choices online Explore bystanders and upstander Communicate - Recognise positive and negative behaviour online Use the internet for different purposes	We are Presenters (3.3) Creativity Internet Kind Connect - Understand and demonstrate respectful and responsible filming Communicate - Explain the different effects of different tools Collect - Explore working with different input and output	We are network engineers (3.4) Computer networks Internet Kind Connect - Develop a basic understanding of how domain names are converted to IP addresses. Communicate – Explain how the internet at this level empowers users Collect - Understand the physical hardware connections necessary for computer networks to work	We are communicators (3.5) Communication/Collaboration Internet Brave Connect - Explore other services that use the internet to transfer data, such as email and video conferencing. Communicate - Become familiar with the risks of opening links and attachments in emails, and of communicating personal information, including via video link or email, to unknown people. Collect - Combine a variety of application software, including both desktop-based programs and internet-based services, in order to collect, analyse, evaluate and present information
History / Geography	History Threshold Concepts: Contribution to the Wider World Achievements Civilisation Education Medicine Hierarchy Technology Empire Geography Threshold Concepts: Investigate Space & Location Investigating Patterns & Changes Investigating Scale & Size Investigating Sustainability	Geography The World Investigating Space and location Investigating Sustainability Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns. Investigating Patterns and Change Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. Investigating scale and size Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. Investigating Sustainability Understand how some of these aspects have changed over time.	History The First Nations Civilisation - Key features of this period Contribution to the wider world - Britain Achievements - What did Stone Age, Bronze Age and Iron Age achieve? Beliefs & religion - What did the Bronze Age and Iron Age believe? Rituals/ Stone Circles, burials, druids. Medicine - What did they use for illness or disease? Plant based treatments. Technology - What new technology did each period give us - Fire, farming, wheels, ploughs.	Geography Rocks, Relics and Rumbles Investigating Space and location Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. Investigating Patterns and Change Understand the processes that give rise to key physical and human geographical features of the world, how these are interdependent and how they bring about spatial variation and change over time. Investigating scale and size Describe the activity of plate tectonics and how this has changed the Earth's surface over time (continental drift) Name and locate significant volcanoes and plate boundaries and explain why they are important. Investigating Sustainability To offer an argument as to why the rainforest in Brazil needs saving or not.	History Life in Britain Civilisation - Key features of this period Contribution to the wider world - Britain Achievements - How did Stone Age, Bronze Age and Iron Age achieve? Farming, tools, farming equipment. Beliefs & religion - What did the Bronze Age and Iron Age believe? Rituals/ Stone Circles, burials, druids. Medicine - What did they use for illness or disease? Technology Fire, farming, wheels, ploughs. Empire (Military) - Bronze Age and Iron Age soldiers.	Geography United Kingdom Investigating Space and location Locate and label countries that make up the UK on a map and name the capital cities Name the seas surrounding the UK and UK's main rivers Name and locate counties and cities of the United Kingdom, geographical regions and their human and physical characteristics, Investigating Patterns and Change Describe the type and characteristics of settlement or land use in an area or region. Describe the type, purpose and use of different buildings, monuments, services and land, and identify reasons for their location. Explain how the weather affects the use of urban and rural environments. Investigating scale and size Name counties local to their area Use a legend to find areas of higher ground on a map Investigating Sustainability Describe the meaning of the term 'carbon footprint' and explain some of the ways this can be reduced to protect the environment.Explain in how too much carbon dioxide can be detrimental for the UK as well as the global community Explain ways in which we can reduce our carbon footprint.	History What about us? Our School History Victorian Link Civilisation - Key features of this period Contribution to the wider world - Britain - how has this period of time changed our experiences today. Achievements - What did the Victorians achieve? reform acts to change working conditions, compulsory education for all 1880 Medicine - What illnesses were around during the Victorian era and how has it changed?
Music	Threshold Concepts: Performing Composing Notating Appreciation	To play the Recorder Pitch Notation Performing music on the recorder. Appreciation of music - instrumental sounds.	Stave Notation Woodwind instruments, Perform Performing music as a class. Appreciating and describing structure in music.	Musical Words Strings, Aural memory Performing music including from memory. Appreciation of expression in music.	Composition, Percussion, Improving my work Composing music using a limited numbers of notes. Appreciating and describing music.	Structure, Brass, Compose a melody Composing words for a song. Appreciating and describing musical structure recognising different music in sections.	Performing skills Appreciation Performing music for an audience in a concert.

		Notating- Begin exploring and notating sounds on a traditional staff.	Notating sounds and symbols on the staff using e.g. Every Good Boy as a learning tool.	Notating- Developing performing skills adding new notes	Notating sounds traditionally on a staff. Notating rhythm traditionally from memory-dictation	Notating rhythm traditionally from memory-dictation	Appreciating and describing instrumental sounds and atmosphere created in a piece of music. Notating rhythm traditionally from memory-dictation
PSHE	Threshold Concepts: Identity Relationships Changes	Being Me in My World Identity- Learn to take more responsibility for their learning and become resilient when faced with challenges Relationship- Understand how to see views/opinions from different perspectives Wellbeing- Explore self-worth	Celebrating Difference Relationship- Know that conflicts can occur within a family and friendship group and identify strategies to resolve it Wellbeing- Gain an understanding that unkind words can be harmful	Dreams and Goals Identity- Identify the different ways they learn making improvements Relationship- Become confident at sharing dreams and ambition with others Wellbeing- Learn to become a motivated individual	Healthy Me Relationship- Identify things, people and places that they need to keep safe from Wellbeing- Express how being scared/anxious and unwell feels	Relationships Identity- Explain how the choices they make will impact on others around them Relationship- To develop strategies to resolve disputes and conflict through negotiation and appropriate compromise and to give rich and constructive feedback and support to benefit others as well as themselves Wellbeing- Understand how to show appreciation for family and friends	Changing Me Identity- Understand the reasons for internal and external changes in male female body as they grow up Wellbeing- Identify ways to cope with feelings during these changes
Spanish	Threshold Concepts: Speaking – Communicating Idea Reading – Showing Understanding Writing – Expressing Ideas Grammar- Applying Structures Appreciation Culture	Vocabulary: Numbers to 10 Spanish alphabet Greeting What’s your name? Instructions Grammar: Nouns - masculine (animals) Adjectives (colours) ‘y’ conjunction Cultural: Spanish foods Exploring Andalucía Christmas in Spain, Spanish story	Vocabulary: Numbers to 15 Using the Spanish alphabet to spell Polite language Days of the week Grammar: Nouns – feminine (animals) Nouns - plurals (animals) Building sentences with a conjunction Cultural: Exploring towns in Spain Spanish around the world Exploring a range of Spanish story book Pablo Picasso Easter in Spain, Spanish story	Vocabulary: Numbers to 31 Using the Spanish alphabet to spell Months of the year What’s the date today? Grammar: Adverbial phrases Building sentences with conjunctions Spanish punctuation Using a dictionary Cultural: Exploring towns in Spain (including weather) Joan Miro Classical guitar music Spanish story			
RE	Threshold Concepts: Belonging and Identity Self-Reflection Change Celebration Tolerance	How did Jesus and Buddha make people stop and think? Belonging and Identity- To understand the significance of the six symbols in Sikhism and why they are important	What is the significance of light in religion? Celebration- To understand the significance of light and what it means and to understand the purpose of this festival Place of Worship- Gurdwara	How do Jews celebrate their beliefs at home and in the synagogue? Belonging and Identity- To understand the traditions that are followed Celebration- To understand how festivals are celebrated.	How and why do Hindus celebrate Holi? Celebration- To understand why the festival takes place. To also understand the significance of colour in the festival	What can we learn about special symbols and signs used in special religions? Belonging and Identity- To understand what art symbolises in each religion.	What do Sikh symbols and sayings tell us about Sikh beliefs? Self-reflection- To reflect on our lives and how we lead them
PE	Threshold Concepts: Movement Tactics & Strategies Personal & Social Skills Leadership Healthy Life Style	Gymnastics Movement - Use a number of their own ideas for movements in response to a task. Personal & Social Skills – Understanding how strength and suppleness affect performance, commenting on differences and similarities in gymnastic performances. Healthy Lifestyle - Children recognising their emotions and how their body feels when still and when exercising. Leadership - choose and plan a sequence of actions; adapt this sequence to suit different types of apparatus and their partner’s ability	Handball (Invasion Games) Movement – Be aware of space and how to find a space when you are not in possession of the ball. Personal & Social Skills - Know and use rules fairly to keep a game going. Healthy Lifestyle - Explain why it is important to warm up and cool down. Leadership - Recognise and evaluate good performance. Tactics & Strategies – Making the right decisions when and where to pass the ball, showing good awareness of what is going on around them.	Dance (Extreme Earth) Movement - Use movements to tell a narrative. Combining and linking an increasing number of movement phrases and patterns. Be able to create fluent movements, using precision and control. Personal & Social Skills - Show an awareness of other’s movements, responding accordingly with their own movements. Working cooperatively with a partner and in a small group. Healthy Lifestyle - Identify how specific activity affects their body. Leadership - Take responsibility for their own skill progression by suggesting ways to make activities more challenging	Rounders (Striking and fielding) Movement – Making the right decisions when moving in to a space or playing area. Tactics & Strategies - choose skills and tactics to suit the situation in a game. Healthy Lifestyle - Warm up and be aware of what is happening to their bodies. Tennis (Net and wall games) Movement – Understand that strength, speed and stamina are all important in invasion games and these help support movement in a game situation. Personal & Social Skills - Keeping possession of the ball as a team	Athletics/ Sports Day Movement – Understanding the different ways of how the body moves. Personal & Social Skills – Being part of a team and building resilience. Healthy Lifestyle - Describe what they and others are doing. Describe how their body feels during games Leadership – Taking responsibility of their own performance and trying their best. Tactics & Strategies – Making choices about how to improve and how their decisions will determine how well they perform. Games: Performances and skill related games	

Orienteering
Cross curricular - Geography

and getting into positions to score.

Healthy Lifestyle - Knowing the importance of doing warm-up routines.

Leadership - Watch and describe others' performances as well as their own, and suggest simple ways in which to improve.

Tactics & Strategies - Suggest different ways in which tactics could be employed.