



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



YEAR 5

Spring 2023-2024

In order to help our pupils **'KNOW MORE and REMEMBER MORE'** we revisit knowledge that has been taught in a variety of ways. Each lesson, starts with reviewing prior learning, including games, quizzes and recaps; throughout each theme teachers regularly recap significant knowledge and at the end of each half term, pupils play the 'SJF Know More, Remember More Gameshow/Quiz'. This informs teachers' assessments, whilst also helping to move the significant knowledge (from each theme taught in each year group) into the long term memory of each pupil.

Helping to embed that significant knowledge.

Year 5	Foundation Subjects Curriculum coverage	Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge
Religious Education	<p>Understand how one's own and others' decisions about memories are informed by beliefs and values.</p> <p>Give reasons why people carry out Jesus' mission in different ways through what they say and do.</p> <p>Describe how dioceses and different Christian communities continue to carry out the work and mission of Jesus.</p> <p>Compare their own and others' ideas about what makes a particular memory significant and why words, symbols or actions might evoke it.</p> <p>Respond to questions of how religious teaching affects life and work within a community and diocese.</p> <p>Explain that the Eucharist as a memorial sacrifice of Jesus.</p> <p>Make links between the scripture stories of Holy Week and the Temptation in the desert and how Christians observe the season of Lent.</p> <p>Give reasons for religious actions and symbols used during Holy Week and the Easter Vigil.</p>	<p>Name the duties of a bishop.</p> <p>Retell the story of the Passover.</p> <p>Know the meaning of a bishop's attire</p> <p>Recall times when memories helped us overcome difficulties.</p> <p>Know how Christians can promote unity.</p> <p>Retell the scriptures of the Holy Week.</p>



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5		Foundation Subjects Curriculum coverage		Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge		
Science	<p>Sorting, classifying.</p> <p>Recognising and controlling variables where necessary.</p> <p>Planning different types of enquiry to answer questions.</p> <p>Making sensible predictions based on prior knowledge.</p> <p>Choosing the most appropriate equipment.</p> <p>Comparing and grouping together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal).</p> <p>Using knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</p>	<p>Identify properties of materials.</p> <p>Understand that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</p> <p>Know how to recover a substance using dissolving, filtering, evaporation, sieving.</p> <p>Understand and explain reversible, irreversible changes.</p> <p>Identify solubility, solute, solvent, saturation and insoluble.</p> <p>Explore oxidation.</p> <p>Learning about a key scientist- Marie Curie.</p>		
History	<p>Develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within and across the periods they study.</p> <p>Construct informed responses that involve thoughtful selection and organisation of relevant historical information.</p> <p>Understand how our knowledge of the past is constructed from a range of sources and that different versions of past events may exist.</p> <p>Regularly address and sometimes devise historically valid questions about change, cause, similarity and difference and significance.</p>	<p>Learn about the Maya civilisation and understanding who they were and when and where they lived.</p> <p>Learn about the religious beliefs and practices of the Maya people and the gods they believed in.</p> <p>Learn about how the Maya invented and used their calendars and number system.</p> <p>Identify and use sources of evidence to learn about the Maya cities and some of the people who explored and documented them.</p> <p>Learn about the Mayan writing system.</p> <p>Learning about the food the ancient Maya people ate and its religious and cultural significance.</p>		
Geography	<p>Be able to conduct a geographical enquiry.</p> <p>Investigate a river in detail including the effects on the environment and landscape.</p>	<p>Understand and explain the water cycle.</p> <p>Understand the features and course/journey of a river.</p> <p>Understand how rivers erode, transport and deposit materials.</p> <p>Understand why rivers are important.</p> <p>Explore the causes of river pollution and the effect this has on the environment.</p>		
Computing	<p>Mars Rover 1:</p> <p>Learning that external devices can be programmed by a separate computer.</p> <p>Recognising how the size of RAM affects the processing of data.</p>	<p>Mars Rover 1:</p> <p>Know that Mars Rover is a motor vehicle that collects data from space by taking photos and examining samples of rock.</p>		



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5	Foundation Subjects Curriculum coverage	Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge
	<p>Learning the vocabulary associated with data: data and transmit. Recognising that computers transfer data in binary and understanding simple binary addition.</p> <p>Relating binary signals (Boolean) to the simple character-based language, ASCII.</p> <p>Learning that messages can be sent by binary code, reading binary up to eight characters and carrying out binary calculations.</p> <p>Understanding how data is collected in remote or dangerous places.</p> <p>Understanding how data might be used to tell us about a location.</p> <p>Learn about different forms of communication that have developed with the use of technology.</p> <p>Stop-motion animation: Decomposing animations into a series of images. Decomposing a story to be able to plan a program to tell a story. Using video editing software to animate.</p>	<p>Know what numbers using binary code look like and be able to identify how messages can be sent in this format.</p> <p>Understand that RAM is Random Access Memory and acts as the computer’s working memory.</p> <p>Know what simple operations can be used to calculate bit patterns.</p> <p>Stop-motion animation: Know that decomposition of an idea is important when creating stop-motion animations.</p> <p>Understand that stop motion animation is an animation filmed one frame at a time using models, and with tiny changes between each photograph.</p> <p>Know that editing is an important feature of making and improving a stop motion animation.</p>
Art	<p>Generating ideas: Develop ideas more independently from their own research. Explore and record their plans, ideas and evaluations to develop their ideas towards an outcome.</p> <p>Using sketchbooks: Confidently use sketchbooks for purposes including recording observations and research, testing materials and working towards an outcome more independently.</p> <p>Making skills: Work with a range of media with control in different ways to achieve different effects, including experimenting with the techniques used by other artists. Combine a wider range of media, e.g. photography and digital art effects.</p>	<p>Formal elements: Shape: Shapes can be used to place the key elements in a composition. Line: Lines can be used by artists to control what the viewer looks at within a composition, e.g. by using diagonal lines to draw your eye into the centre of a drawing. Texture: How to create texture on different materials.</p> <p>Making skills: Know what print effects different materials make. How to analyse an image that considers impact, audience and purpose. How to draw the same image in different ways with different materials and techniques. How to make a collagraph plate. How to make a collagraph print. How to develop drawn ideas for a print. How to combine techniques to create a final composition. How to decide what materials and tools to use based on experience and knowledge.</p>



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5		Foundation Subjects Curriculum coverage	Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge	
	<p>Create in a more sustained way, revisiting artwork over time and applying their understanding of tone, texture, line, colour and form.</p> <p>Knowledge of artists: Research and discuss the ideas and approaches of artists across a variety of disciplines, being able to describe how the cultural and historical context may have influenced their creative work. Discuss how artists create work with the intent to create an impact on the viewer. Consider what choices can be made in their own work to impact their viewer.</p> <p>Evaluating and analysing: Discuss the processes used by themselves and by other artists, and describe the particular outcome achieved. Use their knowledge of tools, materials and processes to try alternative solutions and make improvements to their work.</p>	<p>Knowledge of artists: Artists are influenced by what is going on around them; for example, culture, politics and technology. Artists 'borrow' ideas and imagery from other times and cultures to create new artworks. Artists can choose their medium to create a particular effect on the viewer. Artists can combine materials; for example, digital imagery, with paint or print.</p> <p>Evaluating and analysing: People make art to fit in with popular ideas or fashions. People can explore and discuss art in different ways, for example, by visiting galleries, discussing it, writing about it, using it as inspiration for their own work or sharing ideas online. Talking about plans for artwork, or evaluating finished work, can help improve what artists create.</p>	
Design & Technology	<p>Designing a pop-up book which uses a mixture of structures and mechanisms. Naming each mechanism, input and output accurately. Storyboarding ideas for a book. Following a design brief to make a pop up book, neatly and with focus on accuracy. Making mechanisms and/or structures using sliders, pivots and folds to produce movement. Using layers and spacers to hide the workings of mechanical parts for an aesthetically pleasing result. Evaluating the work of others and receiving feedback on own work. Suggesting points for improvement.</p>	<p>Know that mechanisms control movement. Understand that mechanisms can be used to change one kind of motion into another. Understand how to use sliders, pivots and folds to create paper-based mechanisms. Know that a design brief is a description of what I am going to design and make. Know that designers often want to hide mechanisms to make a product more aesthetically pleasing.</p>	



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5		Foundation Subjects Curriculum coverage		Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge		
Physical Education	<p>Tag Rugby Side step. Close down open space quickly. Aim the pass at the target. Eyes tracking the ball's flight. Communication.</p> <p>Gymnastics Perform different types of rolls: pike forward roll, backward roll to standing pike, pike, press-up and plank. Perform a handstand, cartwheel and round off. Link different movements to create a sequence.</p> <p>Dance Create, perform and watch dances in a range of styles. Use movement to explore and communicate ideas and issues, and their own feelings and thoughts. Work individually, in pairs, small groups and as a whole class.</p> <p>Hockey Perform the push pass and slap pass. Dribbling - Keep stick and ball close to the body. Change direction. Communication as a team.</p>	<p>Tag Rugby Know the correct passing technique. Understand how to defend. Identify space and know when to move into space.</p> <p>Gymnastics Know the difference between different rolls. Know where hands and feet should be placed before performing a selection of skills. Understand the importance of stretching and warming up.</p> <p>Dance Understand the terms Unison and Mirroring. Discuss whether movements were clear and in unison. Know that movements can be selected and ordered in a dance.</p> <p>Hockey Discuss the different passing techniques. Know how to dribble effectively. Identify how they might improve their gameplay.</p>		
Music	<p>Recognise aurally and speak rhythmic patterns. Compose, read and perform rhythmic patterns using simple combinations of SOLFA written rhythmic symbols. Identify how the pulse has been grouped (metre). Improvise and perform simple accompaniments to songs using harmonic devices (drone / simple chords). Begin to show an understanding of how chords are constructed e.g. a simple 3-note triad 1, 3, 5). Continue to use the elements expressively in performances and composition with good control and awareness of effect.</p>	<p>Note lengths and silences can be represented by syllables and written notation. Rhythms can be divided into small sections (bars) according to metre. Rhythms can be added to songs to provide accompaniments. In western stave notation notes of different lengths are called, minim, crotchet, quaver, semi-quaver. Pulse can be grouped in different ways (metre). In traditional western music, pitches are named A-G, that is repeated in octaves. Groups of notes played simultaneously "chords" can be used to harmonise a melody. Timbre is an expressive element in music that is used to achieve a particular effect and mood and communicate meaning.</p>		



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5		Foundation Subjects Curriculum coverage	Spring 2023
Subject and Topic	Significant Skills	Significant Knowledge	
	<p>Select appropriate sounds in compositions and to accompany songs and pieces.</p> <p>Use own voice / instrument in different ways with good control.</p> <p>Use voice expressively in songs with awareness of effect created.</p> <p>Maintain own melodic and / or rhythmic line with confidence and control with some awareness of the harmonies produced (drones, rounds, quodlibets).</p> <p>Improvise / perform simple accompaniments to songs using given devices (simple chords).</p> <p>Explore different parts of the voice (head / chest) with growing control and awareness.</p> <p>Use and unbroken, relaxed singing tone, using one breathe per melodic phrase; develop a focused singing tone with good articulation, pitch-matching, phrasing and dynamic range.</p>	<p>An understanding of the text is an integral part of communicating the meaning of a song.</p> <p>Specific vocal techniques can be used to capture different elements of a particular musical genre or style.</p>	
Spanish	<p>Listen and understand the main points of a short passage made up of a few familiar words and phrases.</p> <p>Read carefully and show understanding of words, phrases and simple sentences.</p> <p>Write simple sentences. Broaden your vocabulary and ability to understand new words that are introduced into familiar written material.</p> <p>Write phrases from memory and adapt these to create new sentences to express ideas clearly.]</p> <p>Speaking by Developing accurate pronunciation and intonation, so that others understand when you are reading aloud or using familiar words and phrases. Presenting ideas and information orally to the teacher / rest of class.</p> <p>Understand basic grammar- including feminine & masculine, conjugation of high frequency verbs, key features and patterns of the language.</p> <p>Broaden your vocabulary by revising and practising the language.</p>	<p>Identify new words and give opinions about food items.</p> <p>Talk about different meals during the day in school and at home and introduce some verbs. Practise to conjugate ER ending verbs e.g. comer.</p> <p>Talk about different sports; do you do or practise a sport?</p> <p>Practise to conjugate AR ending verbs e.g. practicar.</p>	



MEDIUM TERM CURRICULUM MAP

ST JOHN FISHER RC PRIMARY SCHOOL



Year 5		
Foundation Subjects Curriculum coverage		
Spring 2023		
Subject and Topic	Significant Skills	Significant Knowledge
PSHE & Relationships, Sex Education	<p>Explain what racism is.</p> <p>Evaluate the effects of using alcohol and tobacco products.</p> <p>Explain how people from different cultures can learn from each other.</p> <p>Describe and give examples of how our goals and aspirations motivate us to do better.</p>	<p>Recognise and to know what racism is.</p> <p>Understand why racism is wrong.</p> <p>Understand how negative body images impact one's well-being.</p> <p>Understand how cultural differences allow us to learn more about each other.</p> <p>Know what to do in case of an emergency.</p>