

Class 4 Curriculum Cycle A

<u>Subject</u>	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Unit Title</u>	<u>Lost!</u>	<u>Fair is Fair</u>	<u>Back to Baghdad</u>	<u>Oh Romeo, Romeo...</u>	<u>Groovy Greeks</u>	
<u>E.A.T Opportunities</u>	<u>Focus</u> Think learning	<u>Focus</u> Explore learning	<u>Focus</u> Think learning	<u>Focus</u> Active learning	<u>Focus</u> Think learning	<u>Focus</u> Explore learning
<u>St Mary's Pupil Passport Experiences.</u>	<ul style="list-style-type: none"> Attend a residential. Climb a rock Whittle something with wood. Climb a rock 		<ul style="list-style-type: none"> Learn a language Complete an act of charity Learn some sign language 	<ul style="list-style-type: none"> Learn survival skills. Shop for and cook a meal. Complete daily exercise for 2 weeks 	<ul style="list-style-type: none"> Swim in a lake or the sea Cycling proficiency Go on a mindful walk Listen to new music Plan questions to interview someone 	
<u>Visit or Visitor</u>	(Residential)	Museum Visit	Joiner Visit	Hothersall lodge visitor (orienteering session)	Organise Inter-House Sports Competitions across school	Organise Sports Day
<u>Lead Subjects</u>	Geography	Geography	History	Geography	History	History
<u>History</u>			Baghdad – Early Islamic civilisations A non- European society that provides contrasts with British history.		Ancient Greece - Athens and Sparta Ancient Greece – a study of Greek life and achievements and their influence on the western world.	
<u>Geography</u>	A contrasting region	Fair Trading Around the World		Mapping and Field work		
<u>Science</u>	Reproduction	Evolution and inherence	Scientists and Inventors	Animals including humans	Properties and changes of materials	
<u>PSHCE</u>	Families and Relationships	Health and Well-Being	Safety and the Changing Body	Citizenship	Economic Well-Being	Transition
<u>Art and Design Technology</u>	Drawing	Painting	Drawing		Sculpture and 3D Forms	
<u>Physical Education</u>	Dan (AFC Fylde)- FUNdamentals Multi-Skills Swimming	Dan (AFC Fylde)- Invasion Games Swimming	Dan (AFC Fylde)- Dance Swimming	Dan (AFC Fylde)- Outdoor Adventures Swimming	Dan (AFC Fylde)- Striking and Fielding Sports Net and Wall Sports	Dan (AFC Fylde)- Athletic Activities Gymnastics
<u>Design Technology</u>	Mechanical Systems			Food for an athlete/hero		
<u>Modern Foreign Language</u>	On Holiday	Eating Out	Hobbies	School Trip	Seasons	The Environment
<u>Music</u>	Livin' On A Prayer	Classroom Jazz 1	Make You Feel My Love	The Fresh Prince of Bel-Air	Summer Production	Summer Production
<u>Computing</u>	Unit 5.1 Coding Unit 5.2 Online Safety	Unit 5.2 Online Safety Unit 5.3 Spreadsheets	Unit 5.4 Databases Unit 5.5 Game Creator	Unit 5.5 Game Creator Unit 5.6 3D Modelling	Unit 5.7 Concept Maps	Unit 5.7 Concept Maps

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<u>Lead Subject</u>	Geography	History	Geography	Geography	History	
<u>History</u>			Baghdad – Early Islamic civilisations Substantive Concept: Civilisation Disciplinary concept – historical significance How were early settlements put together? What was important to the Baghdad population during early Islamic civilisation?		Ancient Greece - Athens and Sparta Substantive Concept: Leadership Disciplinary concept – similarities and difference How did leadership differ between different states in Ancient Greece?	
<u>Geography</u>	<u>A contrasting region</u> How amazing is the Amazon? <ul style="list-style-type: none"> Locate the world's countries using maps to focus on Europe (and North and South America) Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle. Understand geographical similarities and differences between the United Kingdom and a region within South America. 	<u>Fair Trading Around the World</u> How can we trade fairly around the World? <ul style="list-style-type: none"> Physical Geography including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. 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. Use maps, atlases, globes and digital/ computer mapping to locate countries and describe features studied. 		<u>Mapping and Field work</u> What can we do about litter in Preston? <ul style="list-style-type: none"> To use the eight points of a compass, four and six figure grid references, symbols and key. (Including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world. Litter survey and data collection Scaled maps creation 		

<u>PSHCE</u>	<u>Families and Relationships</u> <ul style="list-style-type: none">• Understand the need for rules for PSHE lessons.• Reflect on their learning in PSHE so far and identify things they have enjoyed learning about and other things they didn't find as effective.• Describe what qualities a good friend should have and recognise which of these they have and which they could develop.• Understand everyone can expect a level of respect but this can be lost.• Understand what respect is and how I should be respected and also respect others.• Understand that we all have a range of attributes that make us who we are and we should be proud of these.• Understand what marriage is and that it is a choice people make.• Understand why someone might bully others.• Understand that attitudes and laws around gender equality have changed over time.• Understand that stereotypes exist including those based on how people look and these can lead to discrimination.• Understand how stereotypes influence our ideas and opinions and begin to explore our own opinions.• Understand a range of stereotypes, identify key information about them and share this information effectively.	<u>Health and Well-Being</u> <ul style="list-style-type: none">• Follow the instructions from the video, perform some of the yoga poses and describe how yoga makes them feel.• Describe how they can get a good night's sleep and why this is important.• Describe why you should embrace failure.• Describe a strategy to help manage their feelings of failure and to help them to persevere.• Set themselves goals and consider how they will achieve them.• Describe a range of feelings and two possible ways of dealing with a difficult situation.• Demonstrate an understanding of what calories are and how to use them to help plan healthy meals.• Recognise the food groups and acknowledge that having a variety of food on their dishes is important to achieving a balanced and healthy diet.• Describe how to keep safe in the sun, including some of the risks now and in the future if they do not.	<u>Safety and the Changing Body</u> <ul style="list-style-type: none">• Understand what is safe to share online and what I should do before sending a message.• Identify possible dangers online, and suggest ways to stay safe, using the web to research relevant information.• Recognise when someone is choking• Understand some of the reasons adults decide to drink or not drink alcohol.• Understand that other people can influence our decisions but we have the right to make our own choices.• Accurately name all the relevant parts of the body.• Understand the changes their own gender will go through during puberty.• List the range of changes they will go through during puberty.	<u>Citizenship</u> <ul style="list-style-type: none">• Understand what happens when someone breaks the law.• Understand what prejudice and discrimination are and why and how they should be challenged.• Understand how reducing the use of materials and energy helps the environment, and what individuals can do to support this.	<u>Economic Well-Being</u> <p>Year 5 and 6</p> <ul style="list-style-type: none">• Understand that borrowing money is a way to pay for something but this has to be repaid.• Understand what income and expenditure are and how these can be recorded.• Understand how to create a weekly budget, including prioritising needs over wants.• Understand that there are risks associated with money and what some of these are. <p>Year 5 only</p> <ul style="list-style-type: none">• Understand that there are a range of jobs that people can do, what some of these jobs are and what is required for some jobs. <p>Year 6 only</p> <ul style="list-style-type: none">• Understand that there are different routes into careers.	<u>Identity (Year 6 ONLY)</u> <ul style="list-style-type: none">• Understand the factors which make up identity.• Understand that images can be manipulated by the professional media but also by individuals and that they are not realistic. <p><u>Transition</u></p> <ul style="list-style-type: none">• Understand the roles available for them at school and the skills needed for these.• Understand that changes can bring opportunities as well as worries and ways of dealing with change.

<p><u>Science</u></p>	<p><u>Reproduction.</u></p> <ul style="list-style-type: none"> • To describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. • To describe the life process of reproduction in some plants and animals. • Describe the changes as humans develop to old age. 	<p><u>Evolution and inherence.</u></p> <ul style="list-style-type: none"> • To recognise that living things have changed over time and that fossils provide information about living things inhabited the Earth millions of years ago. • To recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. • To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. 	<p><u>Scientists and Inventors</u></p> <ul style="list-style-type: none"> • To report and present findings from enquiries, including causal relationships, in oral and written forms such as displays and other presentations • To give reasons for classifying plants and animals based on specific characteristics • To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • To record data using scatter graphs • To recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago • To identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • To use recognised symbols when representing a simple circuit in a diagram 	<p><u>Animals including humans</u></p> <ul style="list-style-type: none"> • To identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. • To recognise the impact diet, exercise, drugs and lifestyle have on the way their bodies function. • To describe the ways in which nutrients and water are transported within animals, including humans. 	<p><u>Properties and changes of materials.</u></p> <ul style="list-style-type: none"> • To compare and group together everyday materials on the basis of their properties including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. • To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. • To use knowledge of solids, liquids and gasses to decide how mixtures might be separated, including through filtering, sieving and evaporated. • To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. • To demonstrate that dissolving, mixing and changes of state are reversible changes. • To explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.
<p><u>Art and Design</u></p>	<p><u>Drawing: Expressing Ideas</u></p> <ul style="list-style-type: none"> • To know that tone can help show the foreground and background in artwork • To know that a silhouette is a shape filled with a solid flat colour that represents an object. • To know that lines can be used by artists to draw the viewer to the art work. • To explore different drawing techniques to create texture. 	<p><u>Painting: Portraits</u></p> <ul style="list-style-type: none"> • Outline a portrait drawing with words, varying the size, shape and placement of words to create interest. • Try a variety of materials and compositions for the backgrounds of their drawings. • Communicate to their partner what kind of photo portrait they want and explain their opinion of an artwork. • Show that they are making decisions about the position of a drawing on their background, trying multiple ideas. • Use some Art vocabulary to talk about and compare portraits. • Identify key facts using a website as a reference. • Experiment with materials and techniques when adapting their photo portraits. • Create a self-portrait that aims to represent something about them. 	<p><u>Drawing: Make My Voice Heard</u></p> <ul style="list-style-type: none"> • Collect a good range of imagery, adding annotated notes and sketches. • Make relevant comparisons between different styles of art. • Use tools effectively to explore a range of effects. • Respond to the meaning of a spirit animal through drawing. • Generate symbols that reflect their likes and dislikes with little support. • Create a tile that is full of pattern, symbols and colours that represents themselves. • Discuss ideas to create light and dark through drawing techniques. • Explain the term chiaroscuro. • Apply chiaroscuro to create light and form through a tonal drawing. • Understand the impact of using techniques for effect. • Participate in a discussion that examines the similarities and 		<p><u>Sculpture and 3D Forms: Interactive Installation</u></p> <ul style="list-style-type: none"> • To know that the size and scale of a three dimensional art work changes the effect of the pieces. • Group images together, explaining their choices. • Answer questions about a chosen installation thoughtfully and generate their own questions. • Show that they understand what installation art means. • Justify their opinions of installation artworks. • Evaluate their box designs, considering how they might appear as full-sized spaces. • Suggest changes they could make if they repeated the activity to create a different atmosphere in the space. • Create an installation plan, model or space. • Describe their creations and the changes they made as they worked. • Describe how their space conveys a particular message or theme. • Make and explain their choices about materials used, arrangement of items in the space and the overall display of the installation. • Show they have considered options for how to display their installation best e.g. lighting effects. • Present information about their installation clearly in the chosen format. • Justify choices made, explaining how they improve the viewer experience or make it interactive.

		<ul style="list-style-type: none"> Show they have considered the effect created by their choice of materials and composition in their final piece. 	<p>differences between different styles of art.</p> <ul style="list-style-type: none"> Form their own opinions about what art is, justifying their ideas. Identify a cause and decide what message they want to convey. Understand artist's choices to convey a message. Review sketchbook and creative work to develop a drawn image. Review and revisit ideas to develop their work. 			
<u>Design Technology</u>	<p><u>Year 5 – Option 2: Pop-Up Book</u></p> <ul style="list-style-type: none"> Produce a suitable plan for each page of their book. Produce the structure of the book. Assemble the components necessary for all their structures/mechanisms. Hide the mechanical elements with more layers using spacers where needed. Use a range of mechanisms and structures to illustrate their story and make it interactive for the users. Use appropriate materials and captions to illustrate the story. 			<p><u>Food for an athlete/hero: Developing a Recipe</u></p> <ul style="list-style-type: none"> To understand and apply the principles of a healthy advert varied diet. To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. Find a suitable recipe for their course. Record the relevant ingredients and equipment needed. Follow a recipe, including using the correct quantities of each ingredient. Write a recipe, explaining the process taken. Explain where certain key foods come from before they appear on the supermarket shelf. 		
<u>Physical Education</u>	Dan (AFC Fylde)- FUNDamentals Multi-Skills Swimming	Dan (AFC Fylde)- Invasion Games Swimming	Dan (AFC Fylde)- Dance Swimming	Dan (AFC Fylde)- Outdoor Adventures Swimming	Dan (AFC Fylde)- Striking and Fielding Sports Net and Wall Sports	Dan (AFC Fylde)- Athletic Activities Gymnastics

<u>Music</u>	<p><u>Livein’ On A Prayer</u> Theme: Rock anthems.</p> <p>Listening to the additional four songs/pieces in this Unit will support and enrich the children’s understanding of its theme, while deepening their musical knowledge and experience.</p> <p>Most children will know the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting, and be able to keep the internal pulse. Others will take on a musical leadership, creating musical ideas for the group to copy or respond to.</p>	<p><u>Classroom Jazz 1</u> Themes: Jazz, improvisation and Swing.</p> <p>Listening to the additional four songs/pieces in this Unit will support and enrich the children’s understanding of its theme, while deepening their musical knowledge and experience.</p> <p>Most children will know the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting, and be able to keep the internal pulse. Others will take on a musical leadership, creating musical ideas for the group to copy or respond to.</p>	<p><u>Make You Feel My Love</u> Theme: Pop ballads.</p> <p>Listening to the additional four songs/pieces in this Unit will support and enrich the children’s understanding of its theme, while deepening their musical knowledge and experience.</p> <p>Most children will know the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting, and be able to keep the internal pulse. Others will take on a musical leadership, creating musical ideas for the group to copy or respond to.</p>	<p><u>The Fresh Prince of Bel-Air</u> Theme: Old-school Hip Hop.</p> <p>Listening to the additional four songs/pieces in this Unit will support and enrich the children’s understanding of its theme, while deepening their musical knowledge and experience.</p> <p>Most children will know the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting, and be able to keep the internal pulse. Others will take on a musical leadership, creating musical ideas for the group to copy or respond to.</p>	<p><u>Summer Production</u></p> <ul style="list-style-type: none"> To play and perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression. 	
	<p><u>Modern Foreign Language</u></p> <ul style="list-style-type: none"> Recognise and use some basic holiday vocabulary in spoken and written sentences. Understand and participate in a short conversation about animals at the zoo, responding to questions in full sentences and giving simple opinions, with help. Be able to prepare and deliver a short talk about a holiday, adapting sentences from the unit that differ from the English sentence structure. Translate French and English words using a bilingual dictionary, with help, and pronounce the unfamiliar words accurately using knowledge of French phonics. 	<p><u>Eating Out</u></p> <ul style="list-style-type: none"> Understand some unfamiliar vocabulary and the main points of a story, including opinions, in its spoken and written versions. Recognise subject pronouns, and use “il” and “elle” with verbs in speech and writing to form sentences about what someone is having to eat/drink, from memory. Perform a short role-play, using and adapting sentence structures from the unit. Use formal language, e.g. the “vous” form, in appropriate situations, e.g. to a restaurant customer 	<p><u>Hobbies</u></p> <ul style="list-style-type: none"> Express their likes and dislikes, and use “tu” to ask others for their opinion in a short conversation. Read the unit’s story aloud and recognise and understand some of its key points without reading the English text. Be able to talk and write about what they and others do or like doing, giving more complex opinions when prompted. Recognise the difference between “le”/ “la” and “un”/ “une” in the context of the unit and apply them to nouns with little help. Understand and recognise some irregular plural nouns in French. 	<p><u>School Trip</u></p> <ul style="list-style-type: none"> Identify the difference between “mon”, “ma” and “mes” in the French story text. Identify and form new sentences, with some help, based on existing knowledge of French sentence structure, e.g. forming negative sentences from positive sentences. Recognise the future tense with little help. Say and write about what they do and don’t like to do in the context of school trips. Join in with the unit’s song, pronouncing all the words clearly and accurately. 	<p><u>Seasons</u></p> <ul style="list-style-type: none"> Understand the meaning of the pronoun “on” in sentences relating to the date. Respond to questions requiring a more complex opinion, using sentence models from the lesson. Understand a set of French instructions to make a Chinese lantern with little help. Recognise and use adjectives, understanding that they need to change according to a noun’s gender and number. Understand that French sentence structure often differs from in English, and use adjectives that go after the noun in French appropriately and with little help. 	<p><u>The Environment</u></p> <ul style="list-style-type: none"> Understand and use articles, selecting them according to the gender and number of the noun, with some accuracy. Use the third person singular form of the present tense to describe what an animal eats. Prepare from memory, and present, a short weather report, using sentence structures that differ from English structures, with little help. Write some regular plurals when provided with the singular noun and recognise some irregular plural nouns.

<p><u>Computing</u></p>	<p><u>Unit 5.1 Coding</u></p> <ul style="list-style-type: none"> • To begin to simplify code. • To create a playable game. • To understand what a simulation is. • To program a simulation using 2Code. • To know what decomposition and abstraction are in computer science. • To take a real-life situation, decompose it and think about the level of abstraction. • To understand how to use friction in code. To begin to understand what a function is and how functions work in code. • To understand what the different variables types are and how they are used differently. • To understand how to create a string. • To understand what concatenation is and how it works. <p><u>Unit 5.2 Online Safety</u></p> <ul style="list-style-type: none"> • To gain a greater understanding of the impact that sharing digital content can have. • To review sources of support when using technology and children's responsibility to one another in their online behaviour. • To know how to maintain secure passwords. • To understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this. • To be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online. • To learn about how to reference sources in their work. • To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information. • To ensure reliability through using different methods of communication. 	<p><u>Unit 5.2 Online Safety</u></p> <ul style="list-style-type: none"> • To gain a greater understanding of the impact that sharing digital content can have. • To review sources of support when using technology and children's responsibility to one another in their online behaviour. • To know how to maintain secure passwords. • To understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this. • To be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online. • To learn about how to reference sources in their work. • To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information. • To ensure reliability through using different methods of communication. <p><u>Unit 5.3 Spreadsheets</u></p> <ul style="list-style-type: none"> • To use formulae within a spreadsheet to convert measurements of length and distance. • To use the count tool to answer hypotheses about common letters in use. • To use a spreadsheet to model a real-life problem. • To use formulae to calculate area and perimeter of shapes. • To create formulae that use text variables. • To use a spreadsheet to help plan a school cake sale. 	<p><u>Unit 5.4 Databases</u></p> <ul style="list-style-type: none"> • To learn how to search for information in a database. • To contribute to a class database. • To create a database around a chosen topic. <p><u>Unit 5.5 Game Creator</u></p> <ul style="list-style-type: none"> • To plan a game. • To design and create the game environment. • To design and create the game quest. • To finish and share the game. • To self and peer evaluate. 	<p><u>Unit 5.5 Game Creator</u></p> <ul style="list-style-type: none"> • To plan a game. • To design and create the game environment. • To design and create the game quest. • To finish and share the game. • To self and peer evaluate. <p><u>Unit 5.6 3D Modelling</u></p> <ul style="list-style-type: none"> • To be introduced to 2Design and Make and the skills of computer aided design. • To explore the effect of moving points when designing. • To design a 3D Model to fit certain criteria. • To refine and print a model. 	<p><u>Unit 5.7 Concept Maps</u></p> <ul style="list-style-type: none"> • To understand the need for visual representation when generating and discussing complex ideas. • To understand the uses of a 'concept map'. • To understand and use the correct vocabulary when creating a concept map. • To create a concept map. • To understand how a concept map can be used to retell stories and information. • To create a collaborative concept map and present this to an audience. 	<p><u>Unit 5.7 Concept Maps</u></p> <ul style="list-style-type: none"> • To understand the need for visual representation when generating and discussing complex ideas. • To understand the uses of a 'concept map'. • To understand and use the correct vocabulary when creating a concept map. • To create a concept map. • To understand how a concept map can be used to retell stories and information. • To create a collaborative concept map and present this to an audience.
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