

Year A											
Memory Hooks	Science	History	Geography	RE	PE	Computing A	Computing C	DT LKS2	DT UKS2	Art	Music
Autumn term: British History											
All- Wild Night Out Yr5/6 Senior Dudes All - Walking Nativity and Christmas Concert RE & Art week TRYC Autumn project	<p>LKS2 Animals & Including Humans (Yr3) What is the purpose of the skeleton & muscles? What are the right types and amounts of nutrition.</p> <p>Animals & Including Humans (Yr4) What is the function of the digestive system and our teeth?</p> <p>UKS2 Animals & Including Humans (Yr 5) This whole topic will be covered in Life Curriculum Spring & Summer.</p> <p>Evolution and Inheritance (Yr6) <i>programme</i> How have living things changed over time? How do we know? How have we adapted? How have animals and plants adapted? How does this lead to evolution?</p>	<p>AD Study Anglo-Saxons & Scots Vikings Romans</p> <p>How are these plotted on the timeline? Who were the important figures during those times? What was their biggest influence during this time period?</p> <p>What were the greatest inventions of that time? What impact did religion have? What was crime & punishment like?</p> <p>Study maps to identify counties and cities in the UK link to historical invasions, historical inventions that shaped the UK and world i.e Roman Roads,</p>		<p>LKS2 - What is the 'Trinity' and why is it important for Christians? What do Hindus believe God is like? UKS2 - Creation and science: conflicting or complementary? Why do some people believe in God and some people not?</p>	Cross Country, Tag Rugby, Swimming. Functional skills for reception. Continuous Sci link: (yr6) <i>What is the impact of diet, exercise, drugs and lifestyle on the way my body functions?</i>	<p>Emailing: <i>Pupils learn how to send emails, including attachments and how to be responsible digital citizens.</i> Journey Inside a Computer: <i>Children learn about the different parts of a computer and develop their understanding of how they follow instructions.</i></p>	<p>Online Safety: Click, Like, Share. Crumbles: Programming a small device called a Crumble control accessories such as LEDs and Motors.</p>			<p>How can we get the most out of our sketchbooks? LKS2 - Can art play tricks with your mind? Artist study: Bridget Riley/ Victor Vasarely Can dots be powerful? (Pointillism) What did art look like in the Stone Age and Iron Age? UKS2 - What are zentangle patterns? Why are vision boards unique and powerful? (Research, plan, create and evaluate taking into consideration the 7 elements of art.) Artist study: David Hockney (photographic collages)</p>	<p>Play and perform in solo and ensemble contexts. Use voices and play instruments with increasing accuracy and fluency, control and expression. Recall sounds with increasing aural memory Use musical notation</p> <p>Christmas Concert/walking nativity</p> <p>Keyboards/ Saxophones</p>
Spring Term – Early Civilisations											
London Residentia (National Art Gallery) World Book Day Transition choir for year 5 and 6 at Ilfracombe Academy Chorister Project at Exeter Cathedral	<p>LKS2 Electricity (Yr 4) How do you make an electrical circuit?(Yr4)</p> <p>Rocks (Yr 3) Can you identify different types of rock and how are fossils formed? (Yr3)</p> <p>UKS2 Electricity (Yr 6) How do you represent a circuit?(Yr 6)</p> <p>Animals inc Human Study (Yr6) How does the circulatory system work and what is the function of our heart/ blood vessels? How do we stay healthy?</p> <p>Life Curriculum will cover exercise, drug, alcohol.</p>	<p>A study of the Earliest Civilisations (Non European)</p> <p>Case study - Iraq (Muslim vs Jew)</p> <p>How are these plotted on the timeline? Who were the important figures during those times? What was their biggest influence during this time period?</p> <p>What were the greatest inventions of that time? What impact did religion have? What was crime & punishment like?</p> <p>Study maps to identify countries and cities around the world link to historical invasions, historical inventions that shaped the UK and world,</p>		<p>LKS2 - What does it mean to be Hindu in Britain today? Why do Christians call the day that Jesus died 'Good Friday'? UKS2 - Why do Hindus want to be good? What do Christians believe Jesus did to save people?</p>	Swimming, Netball, Gymnastics, Fitness.	<p>Top Trumps Databases: To develop their understanding of data and databases, learning how to interpret information by ordering and filtering. Digital Literacy: Using their knowledge of video editing, children create book trailers about a Roman/Viking story.</p>	<p>Search Engines: To enable children to quickly and accurately find information developing their searching skills and learn how to identify trustworthy sources. Sonic Pi: Composing music using code through Sonic Pi, pupils can import samples, add drum beats and compose simple tunes culminating in a 'battle of the bands' using live loops of music.</p>			<p>LKS2 -Does every picture tell a story? How do paintings tell stories? What effects do different painting techniques create? UKS2 -Can art help us understand the Vikings/Romans? (Coats of Arms) Does every picture tell a story? How do different colours affect our perception? How can we select colours to evoke mood?</p>	<p>Improvise and compose music for a range of purposes Appreciate and understand a wide range of live and recorded music drawn from different traditions, composers and great musicians. Develop an understanding of the history of music.</p> <p>Ilfracombe Academy - Transition choir</p> <p>Singing</p>
Spring Term – Energy Works - How long can we live here?											
Theatre Performance Yr 6 Reunion Yr 6 Bikeability	<p>LKS2 States of matter (Yr4) What are solids, liquids and gasses? How do these change state? What is the water cycle?</p> <p>Light (Yr3)</p>		<p>Sustainable energy (Power) How are natural resources distributed and how are they used? Why is this important? Where can we see this locally?</p>	<p>LKS2 - For Christians, when Jesus left, what was the impact of Pentecost?</p>	Cricket, Rounders, Tennis, Athletics	<p>Programming Scratch: <i>Using Scratch, pupils learn to tell stories and create simple games</i> Networks: <i>To understand how computers communicate, children learn about</i></p>	<p>Mars Rover 1: Pupils explore inputs and outputs as well as Binary numbers to understand how the Mars Rover transmits and receives data and how scientists are able to control it to explore another planet. Mars Rover 2:</p>			<p>LKS2 - What hand building techniques do potters use? Which sculpture would you take home with you and why? How can we make our own recycled paper?</p>	<p>Repeat Autumn skills</p> <p>Play and perform in solo and ensemble contexts recall sounds with increasing aural memory use and understand staff notation</p>

Key Stage 2 Long Term Planning Overview *see additional planning for French *Our aim: A holistic curriculum which engages and excites through creativity and curiosity, opening windows onto the world.*

Broadening Horizons Mix Festival Summer Music Concert	Why is light needed? How & why does it reflect? Links into DT - K-Y3 Castles DT - K Y4 - Pavilions UKS2 Properties and changes of materials. Yr 5 How can I compare different materials? How can I investigate materials and mixtures? Can I make them change state? Links into DT DT - K-Y5 Bridges. DT - K Y6 - Playgrounds Scientists and Inventors (Y6 Twinkl)		South America: Case study of Brazil-a focus on Amazon rainforest & sustainable development. Study of North America Comparative Study	How and why do people mark the significant events of life? UKS2 - For Christians, what kind of king is Jesus? How does faith help people when life gets hard? <i>Conservation /Energy</i>		<i>networks and how they are used to share information</i>	Children learn how the Mars Rover is able to send images all the way back to Earth and experiment with online CAD software to design new tyres for it.			UKS2 -Do photographs always tell the truth? (From selfie to self expression- Saatchi Gallery, macro photography-Edward Weston)	Summer Federation Concert (year 2 to 6) Strings/Keyboards
							Structures: Castles <i>Pupils learn more advanced construction techniques and plan for complex arrangements of structures with continual emphasis on evaluating throughout</i>	Structures: Bridges <i>Pupils explore and experiment with a range of different bridge structures, forces and components involved in bridge building, before designing and making their own to test to destruction</i> Playgrounds <i>Pupils have the opportunity to be creative and experiment with a wide range of materials and equipment, applying prior knowledge of net and frame structures as well as bracing and cladding to design and make a playground</i>			

Year B

Memory Hooks	Science	History	Geography	RE	PE	Computing B	Computing D	DT LKS2	DT UKS2	Art	Music
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Autumn Term – Where did it all begin?

Wild Night Out Yr5/6 Senior Dudes Walking Nativity and Christmas Concert RE & Art week	LKS2 Sound (Yr 4) How is sound made? How does it travel? How do you change pitch/ volume? Scientist and Inventors (Y3 Twinkl) UKS2 Light (Yr6) How does light travel? How does the eye work? Scientist and Inventors (Y5 Twinkl)	How do we know about the past? What is a history timeline/ chronology ? Where did it all begin? <i>Stone Age, Iron Age, Bronze Age</i> <i>Compare and contrast to Ancient Greece (Ancient Egypt every fourth year)</i> Who were the important figures during those times? What was their biggest influence during this time period? What were the greatest inventions of that time? Did religion have an impact? What was crime & punishment like?		LKS2 - What do Christians learn from the Creation story? What is it like for someone to follow God? UKS2 - What does it mean if Christians believe God is holy and loving? Why do Christians believe Jesus was the Messiah?				Structures: Pavilions <i>In an introduction to pavilion architecture, pupils experiment with frame structures before designing their own landscape and pavilion, using a wider range of materials and construction techniques</i>	Mechanisms: Automata Toys <i>Pupils develop their woodworking skills and explore cams to design and make mechanical window displays</i>	How and why do artists/designers use sketchbooks ? (Famous artists sketchbooks) What are the seven elements of art? How do different artists use them? LKS2 - "Drawing is a vision on paper." What different drawing techniques and medium can help us develop our vision? Architect study: Hundertwasser UKS2 - Analysing and appreciating artworks. What are the similarities and differences between street art and graffiti art? Artist study: Keith Haring Collaborative project	Play and perform in solo and ensemble contexts. Use voices and play instruments with increasing accuracy and fluency, control and expression. Recall sounds with increasing aural memory Use musical notations Christmas concert/walking nativity Community Service Ukulele
					Cross Country, Tag Rugby, Swimming. Functional skills for reception.	Arduino/ Crumble Learning how to program an Arduino and use it to sense and control. Applied Arduino: Designing and building their own invention applying Arduino skills.	Collaborative Learning: Using collaborative learning tools and combine this with their digital literacy skills to create online safety content How the Internet Works: Learn how data is transferred around the world using the world wide web.				

Spring Term –Our world and space!

World Book Day STEM DAY Transition choir for year 5 and 6 at Ilfracombe Academy Chorister Project at	LKS2 Forces and magnets (Yr3) What makes things move? Links into DT K Y3 - Pneumatic Toys & Y4 Slingshot Cars UKS2 Forces(Yr5) What is gravity? How and what is affected by air & water resistance?	What is life like in different parts of the world and why? Longitude/ latitude, equator/tropics, biomes/ vegetation belts. How does this effect key topographical features? (hills, mountains, coasts, rivers, volcanoes, earthquakes) Extension: A study of mountain ranges across UK, Europe compared to	LKS2 - How do festivals and worship show what matters to a Muslim? How do festivals and family life show what matters to Jewish people?		Swimming, Netball, Gymnastics, Fitness.	Website Design: <i>Pupils create their own websites, considering content and style.</i> HTML: <i>Pupils explore the language behind well known websites, while developing their understanding of how to change the core characteristics of a website using HTML and CSS</i>	Big Data 1: <i>Children learn how data is collected and stored by exploring barcodes, QR codes and RFID chips, and investigate how collecting big data can be used to help people in a variety of different scenarios.</i> Big Data 2: <i>Children learn the difference between mobile data and WiFi and how data is transferred.</i>			What is Colour Theory? LKS2 -When did the arts and crafts movement begin? How do textile artists tell stories? How are motifs and half drops used in textile designs? Artist study: Marc Chagall, William Morris UKS2 -Life as an artist. How do artists make art? What do they actually do?	Improvise and compose music for a range of purposes Appreciate and understand a wide range of live and recorded music drawn from different traditions, composers and great musicians. Develop an understanding of the history of music.
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Exeter Cathedral	<p>What is friction? DT - KY5 - Slingshots</p> <p>Space (Yr5) How does the earth move in relation to the sun and other planets & the moon? How do the sun and moon affect our planet?</p>		<p>the rest of the world/ A study of local rivers, UK rivers, European rivers compared to the rest of the world. How does this then effect human characteristics? i.e. major cities, population/ land use, distribution of natural resources. (Link to work on Brazil and river study).</p>	<p>UKS2 - What does it mean to be a Muslim in Britain today? Why is the Torah so important to Jewish people?</p>			<p>Mechanisms: Pneumatic Toys Pupils examine pneumatic systems using syringes and balloons then apply their understanding of mechanical systems to create their own pneumatic toys</p> <p>Slingshot Cars Pupils use kinetic energy to power slingshot cars, designing and making their own and then testing their effectiveness in time trials</p>	<p>Mechanisms: Pop up Books Pupils use a range of mechanisms and construction techniques to create a pop up story book for younger children</p> <p>Automata Toys Pupils develop their woodworking skills and explore cams to design and make mechanical window displays</p>	<p>Imaginative space art. (DT link) Artist Study: Peter Thorpe- Space Art</p>	<p>Singing Chorister Project</p> <p>Ilfracombe Academy Transition Choir</p> <p>Doods/recorders range of tuned and untuned instruments</p>	
Summer Term – Our Locality											
<p>Theatre Performance</p> <p>Bikeability</p> <p>Broadening Horizons</p> <p>Outdoor & Adventure Residentials</p> <p>Croyde/ Morteohoe</p> <p>Broomhill Sculpture Gardens</p> <p>Mix Festival</p> <p>Summer Music Concert</p>	<p>LKS2</p> <p>Plants(Yr3): How do plants grow and survive?</p> <p>Living things in their habitats (yr4) How can living things be grouped and classified? (Link to local env)</p> <p>LKS2</p> <p>Living things in their habitats (yr5) How do plants & animals reproduce? (Link to local env) If an environment changes – how can this put living things in danger?</p> <p>Living things in their habitats (yr6) Classification and microorganisms.</p>	<p>Local History Study: Trade and Transport</p> <p>Chronology of how trade and transport have changed over time in Ilfracombe? Plot on timeline. What made Ilfracombe a successful trading town? 7</p> <p>Focus on the importance of boats.</p> <p>How is our local area linked to smuggling?</p>	<p>A study of our local Geography</p> <p>Year 1 – Watermouth Cove field trip (physical features)</p> <p>Year 3 – Morthoe (Trade links, settlement, land use, economic activity, distribution of natural resources) Skills: Map work, Ordnance survey, Six figure grid reference</p> <p>What is our locality like compared to a contrasting location link to Brazil. Rocks (investigate on field trip) (yr3 science) How many different kinds of rocks are there? What are fossils?</p>	<p>LKS2 - What kind of world did Jesus want? How and why do people try to make the world a better place? UKS2 - Christians and how to live: What would Jesus do? What matters most to Humanists and Christians?</p>	<p>Cricket, Rounders, Tennis, Athletics</p>	<p>Investigating Weather: Children investigate the role of computers in forecasting and recording weather as well as how technology is used to present forecasts</p> <p>Computational Thinking: Through developing their understanding of the four pillars of computational thinking, children learn to identify them in different contexts</p>	<p>Bletchley Park Children learn about the history of Bletchley Park, including: key historical figures, how the first modern computers were created as part of a WWII code breaking team and consider how computers have evolved over time. They then go on to investigate secret codes and how they are created, exploring 'brute force' hacking and learn how to make passwords more secure</p>			<p>Why do artists create sculptures? How does the natural world inspire sculptors?</p> <p>Which plants are suitable for tie dying?</p> <p>Who was Antoni Gaudi? How did he use the natural world to help him develop architectural techniques?</p>	<p>Repeat Autumn skills</p> <p>Play and perform in solo and ensemble contexts recall sounds with increasing aural memory use and understand staff notation</p> <p>Queens Theatre - BBC orchestra Mix Festival Summer Federation Concert (year 2 to 6) Saxophones/recorder</p>