Key Stage 2 Long Term Planning Overview *see additional planning for French

INTENT: A holistic curriculum which engages and excites through creativity and curiosity, opening windows onto the world.

Year A

Memory Hooks	Science	History	Geography	RE	PE	Computing LKS2	Computing UKS2	DT LKS2	DT UKS2	Art	Music
Autumn Term											
Harvest Yr5/6 Senior Dudes All -Walking Nativity and Christmas Concert Wear Yellow Mental Health Day Bikeability Remembrance Christingle Christmas dinner & jumper day Swimming	**LKS2** **Animals & Including Humans *(Yr3)*** What is the purpose of the skeleton & muscles? What are the right types and amounts of nutrition? **Animals & Including Humans *(Yr4)*** What is the function of the digestive system and our teeth? **UKS2** **Evolution and Inheritance *(Yr6)*** How have living things changed over time? How do we know? How have animals and plants adapted? How animals adapted to suit their environment in different ways and that adaptation may lead to evolution	**UKS2 - Ancient Civilisations - Ancient Greece** *Blueprint of themes followed for each topic:* Timeline study Key events Study 3 influential people Daily life. Main achievements Impact of religion How can bias affect historical sources? How and why do different accounts of historical events differ depending on the source? What was happening in the rest of the world? Comparison to other Ancient Civilisations. Map study **Independent research project on the art and food of the time.**	**LKS2** - Where in the world is South America and what is the environment like? How has the rainforest changed over time? What is life in the rainforest like?	**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?	ATHLETICS TAG RUGBY SWIMMING **Continuous Sci link**: (yr6) *What is the impact of diet, exercise, drugs and lifestyle on the way my body functions?*	***Emailing:*** *Pupils learn how to send emails, including attachments and how to be responsible digital citizens.* ***Journey Inside a Computer:*** *Children learn about the different parts of a computer and develop their understanding of how they follow instructions.*	***Online Safety:*** Click, Like, Share. **Crumbles/Arduinos:** Programming a small device called a Crumble control accessories such as LEDs and Motors.	Food: Eating Seasonally *Pupils learn about seasonality and how the climate a food is grown in can alter the way it tastes and make a crumble and tart using seasonal ingredients* Adapting a recipe *Pupils adapt a recipe by adding or altering the ingredients and then work in groups to create a final design that falls within a set budget and design brief*	Food: What Could be healthier? Pupils adapt a bolognese recipe by adding or altering ingredients and learn about the ethical and hygienic issues of food Come Dine With Me Working in groups, children research and prepare a three course meal that will be taste tested and scored as well as researching the journey of their main ingredient ,from 'farm to fork'	**Drawing** How can we get the most out of our sketchbooks? **Year 2** Op Art Can art play tricks with your mind? Artist study: Bridget Riley **Drawing and Painting** **Year 4** To learn about surrealism and surrealist techniques. Artist study: Salvador Dalí/ Frida Kahlo **Collaborative Project**	Year 3/4 Instruments - **B/WD - instruments from Devon Music Hub** **Listening - Bhanga & Funk** Year 5/6 Instruments - **B - Recorders or alphasaxes/WD - Handchimes/ handbells/glockenspiels** **Listening - Early Music/ Renaissance & Greek music** **Songs - Harvest & Christmas** **Compose on paper** **Improvise on instruments** Play and perform- solo & ensemble contexts. Use voices & play instruments with increasing accuracy and fluency, control and expression. Recall sounds with increasing aural memory Use musical notation Harvest Festival Christmas Concert/walking nativity
Spring Term											
World Book Day Transition choir for year 5 and 6 at Ilfracombe Academy STEM / Science Week Multi-faith place of worship visit to Exeter.	**LKS2** **Electricity (Yr 4)** How do you make an electrical circuit? Understanding electrical safety. **Rocks (Yr 3)** Can you identify different types of rock and how are fossils formed? **UKS2** **Electricity (Yr 6)** How do you represent a circuit? **Animals inc Human Study (Yr6)** How does the circulatory system work and what is the function of our heart/ blood vessels?	**LKS2 - Ancient Civilisations** **Ancient Egypt** *Following blueprint of themes* **UKS2 - First Half Term - Prehistoric Britan** **UKS2 - Second Half Term - Ancient Islamic Civilisations** *Following blueprint of themes* and How did the origins of Islam differ to that of Chritianity?		**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?	DANCE/ YOGA VOLLEYBALL	**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 story.	**Search Engines:** To enable children to quickly and accurately find information developing their searching skills and learn how to identify trustworthy sources. **3D modelling and printing** Pupils are introduced to 3D modelling via Tinkercad. 3D modelling, creating own 3D designs. How a 3D printer works & how it can be used to print 3D designs.	Electrical Systems: Static Electricity *Pupils are introduced to static electricity and observe the effects of it on different objects before designing and making a simple game which uses static electricity* Torches *Pupils are introduced to electricity and electrical safety before making a simple electric circuit to create a functioning torch*	Electrical Systems: Greeting Cards *Pupils explore electric circuits and apply this knowledge to design and make their own electric greetings cards* Steady Hand Games *Pupils create electromagnetic toys and more complex electronic circuits to create a steady hand game*	**Painting- Landscapes** **Year 2** Drawing and Painting Landscapes To apply knowledge of colour relationships and use viewfinders Depict perspective in drawings; - use a range of paint e.g. acrylic, oil paints, water colours to create visually interesting pieces. Artist study: John Constable/ Joseph Turner **Textiles - Batik** **Year 4** The history and process of batik. Design a pattern / image to put on a piece of fabric - use the batik technique to alter a textile's colour and pattern Artist study: Sarah Tucker, Heidi Lange	Year 3/4 Instruments - **B/WD - Ukuleles** **Listening - Folk (including Egyptian,) Latin** Year 5/6 Instruments - **B - Keyboards/WD - Guitars** **Listening - Baroque & Classical** **Songs - Easter & value songs** **Composing using ICT** **Improvise on instruments** 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. Ilfracombe Academy - Transition choir Value songs
Summer Term – Energy Works - How long can we live here?											
London Residential (National Art Gallery) Theatre Performance	**LKS2** **States of matter (Yr4)** What are solids, liquids and gasses? How do these change state? What is the water cycle? **Light *(Yr3)***		**LKS2** - Geography in our area - human, physical and topographical. Comparing our locality to a contrasting location? *-Brazil*	**LKS2** - For Christians, when Jesus left, what was the impact of Pentecost? How and why do people mark the	KWIK CRICKET ROUNDERS ***SPORTS DAY PREP***	***Programming Scratch:*** *Using Scratch, pupils learn to tell stories and create simple games* ***Networks:*** *To understand how computers communicate, children learn about*	**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.			**Sculpture - clay** **Year 2** What hand building techniques do potters use? Practise joining techniques with clay using slip - add materials to	Year 3\4 Instruments - **B/WD - Ukuleles** **Listening - Pop ballad, Motown & Brazilian music** **Year 5/6** **Instruments - B - Keyboards/ WD - Guitars**

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	Yr 6 Reunion Broadening Horizons Mix Festival Summer Music Concert Courageous Camping Whole Federation Sports Day	Why is light needed? How & why does it reflect? **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?		Fieldwork - investigating our local villages **LKS2** - In depth research into coasts in our area. **UKS2** - Sustainable energy (Power) How natural resources are distributed and used and why they are important. Local fieldwork - trip to Fullabrook wind farm.	significant events of life? **UKS2** - For Christians, what kind of king is Jesus? How does faith help people when life gets hard? *Conservation /Energy*	**YR 6 - SURFING**	*networks and how they are used to share information*	**Mars Rover 2:** 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.			the sculpture to create detail. Carve a sculpture from clay. Artist Study: Sir Anthony Gormley **Photography** **Year 4** Create a photomontage using secondary sources to express yourself. Photography Competition Artist Study: David Hockney/Hannah Hoch	**Listening - Romantic & 20th Century & Contemporary music** **Songs - for performance** Repeat Autumn skills. Play and perform in solo and ensemble contexts. Recall sounds with increasing aural memory use and understand staff notation. Summer Federation Concert (year 2 to 6)
									Structures: Castles *Pupils learn more advanced construction techniques and plan for complex arrangements of structures with continual emphasis on evaluating throughout*	Structures: Bridges *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* Playgrounds *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*		

Year B

		Science	History	Geography	RE	PE	LKS2 Computing	UKS2 Computing	DT LKS2	DT UKS2	Art	Music
Autumn Term												
	Harvest Yr5/6 Senior Dudes All -Walking Nativity and Christmas Concert Wear Yellow Mental Health Day Bikeability Remembrance Christingle Christmas dinner & jumper day Swimming	**LKS2** **Sound *(Yr 4)*** How is sound made? How does it travel? How do you change pitch/ volume? **UKS2** **Light *(Yr6)*** How does light travel? How does the eye work? Understand refraction, reflection and how shadows are made.	**LKS2** - The Romans *Following blueprint of themes*	**UKS2 - First half term -** Looking at the eight points of a compass and using maps, considering four and six-figure grid references, as well as using a map key. **UKS2 - Second half term -** Considering what life is like in different parts of the world. Key words: Longitude/latitude, equator/tropics, biomes/vegetation belts.	**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?	**ATHLETICS** **TAG RUGBY** **SWIMMING**	**Crumble** Learning how to program an Crumble/Arduino and use it to sense and control. **Applied Crumble:** Designing and building their own invention applying Arduino skills.	**Arduino** Learning how to program an Arduino and use it to sense and control. **Applied Arduino:** Designing and building their own invention applying Arduino skills.	Structures: Pavillions *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*	Mechanisms: Automata Toys *Pupils develop their material handling skills and explore cams to design and make mechanical window displays*	**Drawing** How can we get the most out of our sketchbooks? **Year 1** **Drawing Portraits** The history of portraits Learn about Street Art Depict movement in their drawings. Artist study: Keith Haring **Year 3** **UKS2 Still life** Experiment with different media to show line, tone and texture. **LKS2 Observational Drawings** Experiment with different media. Become more confident and accurate using line, tone and texture. Artist Study: Van Gogh/ Georgia O'Keeffe **Collaborative Project**	**s - B/WD - Drums/percussion** **Listening - Gospel and Reggae** Year 5/6 **Instruments - B Handchimes/ handbells/glockenspiels/WD - Recorders** **Listening - Rock & Hip Hop** **Songs - Harvest & Christmas** **Compose - using ICT** **Improvise - using voice** 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
Spring Term												
	World Book Day Transition choir for year 5 and 6 at Ilfracombe Academy STEM / Science Week	**LKS2** **Forces and magnets *(Yr3)*** What makes things move? Pushes and pulls. How magnets work and magnetic poles. **UKS2** **Forces*(Yr5)*** What is gravity? How and what is affected by air & water resistance? What is friction?		**LKS2 - First half term -** Name and locate counties, cities of the UK Physical & human characteristics **LKS2 - Second half term --** Where in the world is…? Locate: world's countries & major cities. Maps, atlases, globes and digital/computer mapping.	**LKS2** - How do festivals and worship show what matters to a Muslim? How do festivals and family life show what matters to Jewish people? **UKS2** - What does it mean to	**DANCE/ YOGA** **VOLLEYBALL**	***Website Design:*** *Pupils create their own websites, considering content and style.* ***HTML:*** *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*	***Big Data 1:*** *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.* ***Big Data 2:*** *Children learn the difference between mobile data and WiFi and how data is transferred.*			**Painting** **Year 1** **Abstract Art** Learn about Abstract Art To apply knowledge of colour relationships Artist Study: Beatriz Milhaze **Textiles - Printing /Weaving** **Year 3**	Year 3/4 **Instruments B/WD Djembe/colourful drums** **Listening - South African & Jazz (big band swing)** Year 5/6 **Instruments B - Guitars/WD - Keyboards** **Listening - R&B & Blues** **Songs - Easter** **Compose on paper**

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	Multi-faith place of worship visit to Exeter.	**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? Understanding day and night.		**UKS2** - How do rivers, mountains, earthquakes and volcanoes change the physical geography of a landscape? Affect on human characteristics? Fieldwork - trip to Sterridge river valley	be a Muslim in Britain today? Why is the Torah so important to Jewish people?				Mechanisms: Pneumatic Toys *Pupils examine pneumatic systems using syringes and balloons then apply their understanding of mechanical systems to create their own pneumatic toys* Slingshot Cars *Pupils use kinetic energy to power slingshot cars, designing and making their own and then testing their effectiveness in time trials*	Mechanisms: Pop up Books *Pupils use a range of mechanisms and construction techniques to create a pop up story book for younger children* Automata Toys *Pupils develop their woodworking skills and explore cams to design and make mechanical window displays*	Design and create more complex printing blocks. Artist study: William Morris/ India Flint Weaving to create textural effects. Artist study: Islamic weaving, Sheila Hicks/ Anni Albers	**Improvise on instruments** 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. Ilfracombe Academy Transition Choir
Summer Term – Our Locality												
	London Residential (National Art Gallery) Theatre Performance Yr 6 Reunion Broadening Horizons Mix Festival Summer Music Concert and Art Gallery Courageous Camping Whole Federation Sports Day	***LKS2*** **Plants*(Yr3)*:** How do plants grow and survive? **Living things in their habitats *(yr4)*** How can living things be grouped and classified? Understanding vertebrates and invertebrates in their habitats. ***UKS2*** **Living things in their habitats *(Yr5)*** How do plants reproduce? Understanding the life cycles of different insects. Understand the environment and the work of a naturalist. **Living things in their habitats *(Yr6)*** Understanding and classifying animals, plants and microorganism	**LKS2 - The Anglo-Saxons, Scots and Vikings** *Following blueprint of themes* **UKS2 - First half term - Crime and Punishment from 1066** How has crime and punishment changed since 1066? Crimes committed and how the sanctions change over time Witch trials - Bideford Witches. Dick Turpin Suffragettes **UKS2 - Second half term - Local History Study: Trade and tourism through the years** Chronology of how trade and transport have changed over time in Ilfracombe. Where this fits into our timeline What impact did the railway have on Ilfracombe? How has the use of boats changed over the years? Links to local smuggling (Mortehoe). What made Ilfracombe a successful trading town? Link to trade links in geography.		**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?	**KWIK CRICKET** **ROUNDERS** ***SPORTS DAY PREP*** **YR 6 - SURFING**	***Investigating Weather:*** *Children investigate the role of computers in forecasting and recording weather as well as how technology is used to present forecasts* ***Computational Thinking:*** *Through developing their understanding of the four pillars of computational thinking, children learn to identify them in different contexts*	**ArHow the Internet Works:** Learn how data is transferred around the world using the world wide web. ***Bletchley Park*** *Children learn about the history of Bletchley Park, including: key historical figures, how the first modern computers were created at 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*			**Collage** **Year 1** **Collage techniques (**overlapping, tessellation, mosaic) Create and arrange accurate patterns - plan and design a collage (refine work as they go to ensure precision). Artist study: Antoni Gaudí,/Maurits Cornelis Escher **Sculpture** **Year 3** Create a sculpture (for the play production) using different materials. Artist Study: Barbara Hepworth	**Year 3/4** **Instruments B - Recorders** **WD - Recorders** **Listening - to different pieces of our chosen songs and compare them** **Songs to perform at the concert** **Year 5/6** **Instruments B - Guitars/WD - Keyboards** **Listening - to different performances of our chosen songs and compare them** **Songs to perform at the concert** Repeat Autumn skills. Play and perform in solo and ensemble contexts. Recall sounds with increasing aural memory. Use and understand staff notation Queens Theatre - BBC orchestra Mix Festival Summer Federation Concert (year 2 to 6)
									Textiles: Cushions *Pupils learn to sew cross stitch and appliqué and then apply this to the design and creation of a cushion* Fastenings *Pupils research different types of fabric fastenings before deciding which they want to use in their design for a book sleeve*	Textiles: Stuffed Toys *Pupils learn blanket stitch and then design and make 3D stuffed toys* Waistcoats *After drawing a design in accordance with their own criteria, pupils learn how to measure, cut and assemble fabric to create a waistcoat*		