YEAR 2 CURRICULUM MAP

	Autumn		Spring		Summer	
Topic	Who was here before me?	What are we celebrating?	Why don't polar bears get cold?	Which famous people do I admire?	Happy Holidays	
Science	**Forces & Motion** Movement of familiar things; pushes and pulls; when things speed up there is a cause	**Electricity** Everyday appliances that use electricity; simple circuits involving batteries, wires, bulb.	**Changing Materials** Find how the shape of some objects can be changed (squashing, bending, twisting)	**Changing Materials** Heating and cooling	**Living things in their environment** Plants & animals in local environment- habitats & Food chains	**Variation and Classification** -recognise similarities & differences between themselves and others- Group living things
Computing	**Computer Science** - understand that algorithms are implemented as programs on digital devices Make routes using precise instructions Debug simple programs **Digital Literacy** **IT Database**		**Computer Science** - understand that algorithms are implemented as programs on digital devices **Digital Literacy** **IT** - use technology purposely to organise & manipulate digital content		**Computer Science** – use logical reasoning to predict the behaviour of simple programs Digital Literacy Use technology safely **ICT** -use technology purposely to manipulate digital content	
History	**Events from beyond living memory** - Who was here before me? Past Events from the History of Britain. (Titanic/ Scott of the Antartic,)		**The lives of significant individuals** (Florence Nightingale, Walt Disney)		**Changes within living memory and events beyond living memory** – Happy holidays now and then!	
Geography	**Geographical skills and fieldwork**– opportunities to use simple compass directions and simple maps Investigate the characteristics of my own area.		**Human and physical geography**- exploring hot and cold areas (Equator, North & South Poles.) **Locational Knowledge** – 7 continents and 5 oceans		**Place knowledge** - holidays in the UK and non-European country (e.g. Kenya/Egypt). Focus on similarities and differences	
D.T.	**Textiles** Design and make textile products- Animal puppet/ dolly spoon/peg puppet		**Mechanism** Make a vehicle with wheels- based on transport/exploring		**Structure** Design and make a miniature garden/seaside	
Art and Design	**3D** Work on a larger scale; show control to join materials; understand quantities of materials	**TEXTILES** Joining, positioning & manipulating materials with independence	**COLLAGE** Mixing paper & materials with different textures and appearance	**DRAWING** Observing & recording shapes patterns and textures; observational- use as a starting point as well as in sight	**PAINTING** Show control in use of colour; paint is used in different ways	**PRINTING** Work with a range of materials and tools
PE	Games Piggy in the Middle QCA Gymnastics Families of Actions QCA	Games 3 Touch Ball QCA Dance Cat Dance QCA	Dance How Does it Feel? Durham Gymnastics Assessing Level 1 / 2 Unit 2 Tasks 1 and 2 Durham	Games Kick Rounders Durham Gymnastics	Athletics Furthest Five, Take Aim And Pass the Baton QCA Dance	Games Mini Tennis 1 Durham OAA Shipwrecked QCA Gone Fishing Durham
Music	**Listening and Singing** - animal songs and rhymes using descriptive language. Animal word- rhythm grids **Experimenting with Sounds** - descriptive weather sequences: using sounds to represent ideas: I hear thunder…		**Listening and Singing** - travelling songs – adapted; Wheels on Bus / train…jungle trail, movement and actions/ pulse and rhythm **Listening and responding** - to music representing 'The Sea and Space': creating musical structures		**Listening and Experimenting with Sound** - world music/songs and dances. Junk Percussion Band? Africa- drumming S. America – Samba Asia – tuned pentatonic chimes etc.	
R.E.	Why is the Bible special to Christians? What can we learn from the story of St Cuthbert How and why is light important at Christmas?		What does it mean to belong in Christianity? How do Christians celebrate Easter?		How do Buddhists show their beliefs? How do Buddhists express their beliefs in practice	
School Curriculum	WW1 and our local area Learning Outdoors					

Computing	Computer Science - Understand that algorithms are implemented as programs on digital devices- send Beebot to match animal cards/identify families of animals /make routes using precise instructions - animals/ weather symbols/ oceans continents – using sets of arrow cards to make instructions Debug simple programs – did it reach the right place? Use of Probot for more complex instructions and programs	Computer Science - Understand that algorithms are implemented as programs on digital devices – use of programming IPAD apps - Catos Hike Hopscotch ALEX- Using direction / map symbols (G) – treasure map	Computer Science – Use logical reasoning to predict the behavior of simple programs – use food chain pictures/geographical features/holiday pictures – predict sets of instructions – did it reach the correct place? If not debug. Use of Probot for more complex instructions and programs
	Digital Literacy SWGFL Staying safe online - choosing appropriate websites. Leaving a digital trail/footprint	**Digital Literacy** – Cyberbullying – using technology respectfully. Effective searching	**Digital Literacy** **Use technology safely** - Hectors World safety button – who to tell? Privacy
	IT Database Branching database/database sorting and identifying animals	**IT - Use technology purposely to organize & manipulate digital content** Database of solids / liquids and gases. Publisher/WP Advert for a job as an explorer/astronaut/- poster to advertise job. Hot seating as e.g. Christopher Columbus/Neil Armstrong – use easispeaks to prepare – video to record	**ICT - Use technology purposely to manipulate digital content** WP – nonfiction texts / posters / information leaflets - habitats - publisher/PowerPoint/ photo story - physical geography/ living memories