

Lancaster Road Primary School

Curriculum Overview

KS1 and KS2

The following subjects are mainly taught discreetly and do not always feature in the topic plans.
Computing, Science, Geography History, PE, Music, PHSE/Values, Religious Education and Languages

	Y	Autumn Term	Spring Term	Summer Term
Computing	1	Understanding Basic Functions - save, edit, print locate etc. How to log on individually Communication . Logging on and off a program. Keyboard skills Mouse control Typing simple sentences	Programming & Multimedia Programming toys. Using digital Cameras Recording on a speech bubble. Ipad introduction Algorithms	Multimedia, Communication, Digital Literacy and Research, Data and Programming Paint - Word processing - Algorithms Internet research Web based learning programmes. Recording maths data (sets & graphs)
	2	Using and Programming Bee bots Dazzle- saving and retrieving Camera - shop motion Communication, Digital Literacy & Research and Programming Creating a sequence for a set task Editing and improving work Changing font, size and colour Find out facts by navigating websites Using a search engine to help find key facts	Multimedia, Digital Literacy & Research and Communication Know that each website has a unique address Know what to do if I find something inappropriate online Taking and checking photographs, deleting blurred images Editing work	Multimedia, Data and Programming Recording and playing back a video Navigate to websites via favourites Read and use a database to find information Add information to a database
	3	Research - understanding computer networks -collecting information using search engines and espresso -technology safety Digital Literacy & research & Communication Searching safely online for images and information. Word processing - cutting and pasting. Using a keyboard	Programming, Communication and Digital Literacy +Research Coding - sequencing and repeating of instructions. Word processing - cutting and pasting. Using a keyboard Maths and Literacy Apps. Online topic research Algorithms - +(espresso coding)	Multimedia, Digital Literacy and Research and Data Creating images Photography -animation -video recording Audio recording and editing
	4	Using search engines focus on Google Earth. Word processing and coding Communication, Digital Lit+R and Programming Word processing. Researching safely. Note-taking from websites. Creating, testing, sequencing and improving a program. Creating commands for a specific task	Programming, Digital Literacy +Research and Multimedia Creating, testing, sequencing and improving a program. Creating commands for a specific task. Researching safely. Notetaking from websites. Creating images	Multimedia, Digital Lit+R and Data Creating images Photography Animation Video recording Audio recording and editing Graphs and spreadsheets Researching safely

	5	Coding - using laptops and iPads Word Processing Programming, Communication and Digital Lit+R Planning and testing algorithms and programs. Exploring variables. Designing and writing programmes		Communication, Digital Literacy+Research and Multimedia Word processing Presentations Blogging Online safety Creating images Photography Video through use of iPads Creating and editing sound Researching safely		Data, Digital Lit+R and Multimedia Video through use of iPads Creating and editing sound Databases Spreadsheets Researching safely	
	6	- Computer networks-internet - collecting information -technology safety - Internet research - Safe technology - Using word and powerpoint Collecting and presenting information through a powerpoint presentation. Accessing videos, using espresso Communication, Digital Lit+R and Multimedia Word processing - Presentations - Photography Understanding networks - Researching Safely		Digital Literacy +Research and Multimedia Understanding networks Researching Safely Photography Animation		Programming and Data Testing, debugging and modifying programmes. App creation Designing and creating spreadsheets.	
Science	1	Animals incl. Humans Ourselves and Our senses	Seasonal change	Everyday Materials	Animals	Plants	
	2	Animals incl. Humans Health and Growth		Living Things and Their Habitats		Plants	Use of Every day Materials
	3	Animals incl. Humans -Teeth and Digestion - Health and Nutrition		Forces and Magnets	Light and Astronomy	Plants Rocks and Fossils - Material Properties	
	4	States Of Matter		Sound	Animals incl. Humans Movement & Skeleton	Living Things and Their Habitats	Electricity
	5	Earth and Space	Properties and Changes of Materials - Properties	Forces	Living Things and Their Habitats - Habitats and Life Cycles	Properties and Changes of Materials - Changes	Animals incl. Humans Human life cycles
	6	Light	Electricity	Living things and Their Habitats - Classification	Evolution and Inheritance	Animals incl. Humans - Healthy Lifestyle Choices (exercise and circulatory system)	
Geography	1	Observing seasonal and daily weather patterns.		Developing map skills, learning about symbols		Looking at similarities and differences between	

			and reading simple grid references.	dinosaur times and now. Looking at physical features of an environment. Comparing two regions- Lyme Regis and Morecambe
	2	Comparing the local area to London. Name and locate UK countries and capital cities.	Looking at the features and reasons for the location of castles.	Looking at features of seaside towns. Comparing Morecambe with another seaside town. Mapping skills to identify and use symbols.
	3	Locating London and European countries and their capital cities on world map. Compare features of landscape.	Understanding scales on maps ranging from 'world' to local area. Study of detailed local maps.	Map work to locate and identify the position and significance of Equator, N. and S. Hemisphere, Arctic and Antarctic Circle. Location of countries with rainforests worldwide-focus on South America. Human settlement and land use within the Amazon Rainforest.
	4	Map reading and orientation -school, Morecambe and Grasmere. Identifying symbols and features on ordnance survey maps. Identify continents, countries and seas on a World map.	Identify the location of British Empire countries in the time of Queen Victoria.	N/A this term
	5	Locating Fairtrade countries using atlases and map work.	Map work linked to Greece, Europe and World.	Map work linked to Rome and Italy. Locating and plotting Roman invasion routes across Europe. Looking at features of Roman Britain.
	6	Map work Vikings Settlement Northern Hemisphere	Locating tectonic plates, earthquake zones and volcanoes on world map. Study of settlement and economic activity.	Study of physical features of rivers. Study of local river. Research on well-known world river. Study on effect of flooding/drought (local/world-wide) + Egyptians
History	1	Looking at the history of a local park the changes and development	History of Pirates Comparing life on a pirate ship and a ship now	To develop an awareness of the past. Study of the life of Mary Anning.
	2	The Great Fire of London. Comparing the Royal family then and now. Looking at Samuel Pepys	Origins of castles and how they were built. How they have changed over time.	Comparing seaside holidays now with Victorian times. Identifying features of seaside towns past and present including entertainment and clothing.
	3	Life as a child in Wartime Britain. Focus on housing, food clothing and school.	Study of local land use for building development	Study of the Mayan civilization c. AD 900. To develop an understanding of the history of the Maya, the daily life of the Mayan population, their religious beliefs and their scientific and artistic achievements.
	4	Skara Brae a study of life in the Stone Age	Study of life in Victorian Times	N/A this term
	5	History of Fairtrade products the associated timeline of the history	Greek life, achievements and influence on the western world.	-The Roman Empire's impact on Britain. Investigation of attempted invasion and the

				-The Roman Empire's impact on Britain		power of the army. Romanisation of British sites e.g. impact of technology, culture and beliefs	
	6	Historical timeline of key events during the Vikings time.		History of volcanic eruptions focus on Pompeii.		Egyptians	
Physical Education	1	Fitness -our bodies	Gym. skills	Gym. Apparatus	Pirate dancing	Gym stars Hockey	Competitive racing/athletics
	2	Games	Golf	Dance	Gymnastics	Games - passing and moving with different equipment.	Outdoor games/athletics
	3	Gymnastics Netball outdoors all term	Dance	Gymnastics Hockey outdoors	Tennis - outdoors swimming	Athletics/rounders - outdoors Swimming	
	4	Net/wall -tennis swimming	Hockey/football swimming	Hockey/football swimming	Circuit Training cricket	Dance rounders	Outdoor education Athletics Dance
	5	Indoor PE football	Indoor athletics Cricket	Outdoor Education Netball	Dance Invasion games	Gymnastics Athletics, cricket and rounders	
	6	Invasion games Dance and Gymnastics		Problem solving	Invasion games Netball	Athletics, cricket, rounders Outdoor Education	
Music	1	Rhythm in the way we walk	Christmas songs/play& little angel gets her wings	I Wanna Play in a Band		Into the Groove	
	2	Hands feet and heart	Christmas	Hey You	Music festival	Zoo Time/Bring Me Sunshine	
	3	Singing and Performing wartime songs	Ho Ho Ho Christmas Motown	Pentatonic scales		Animal magic (graphic score) Linked to Rainforest Topic	
	4	Mama Mia	Five Gold Rings Christmas		Lean on Me		Reflect rewind and replay
	5	Livin' on a prayer		Fresh Prince of Bel Air (hip hop)		Stop! (crime, classical)	
	6	Jazz 1, Jazz 2	Christmas	Make you feel my love		Don't stop believing	Year 6 production
PHSE/ Values	1	We're all Stars	Be friendly, Be Wise	Living Long Living Strong	Daring to Be Different	Dear Diary	Joining in and Joining Up
	2	It's Our World	Say No!	Money Matters	Who Likes Chocolate	People Around Us	Growing Up
	3	We're all Stars	Be friendly, Be Wise	Living Long Living Strong	Daring to Be Different	Dear Diary	Joining in and Joining Up

	4	It's Our World	Say No!	Money Matters	Who Likes Chocolate	People Around Us	Growing Up
	5	We're all Stars	Be friendly, Be Wisewise	Living Long Living Strong	Daring to Be Different	Dear Diary	Joining in and Joining Up
	6	It's Our World	Say No!	Money Matters	Who Likes Chocolate	People Around Us	Growing Up
RE	1	Christianity- God	Judaism	Islam	Christianity - Jesus	Hinduism	Christianity- Church
	2	Hinduism	Christianity - God	Buddhism	Christianity- Jesus	Islam	Christianity - Church
	3	Islam	Christianity	Hinduism	Christianity	Sikhism	Christianity
	4	Judaism	Christianity- God	Islam	Christianity- Jesus	Hinduism	Christianity - The Church
	5	Buddhism	Christianity - Jesus	Islam	Christianity - God	Hinduism	Christianity (church)
	6	Islam	Christianity	Hinduism	Christianity	Sikhism	Christianity - Church
Languages KS2	3	Rigolo Unit 1 - Bonjour Saying hello/goodbye - asking and saying name Saying how you are Naming musical instruments Numbers 1-10		Rigolo Unit 2 - En Classe Classroom objects Colours Saying your age Classroom instructions		Rigolo Unit 3 - mon corps Parts of the body Describing eyes and hair Days of the week Character descriptions	
	4	Unit 4 Les animaux Animals and pets Numbers 11-20 Giving someone's name Describing someone		Rigolo Unit 5 La famille Family members Alphabet Household items Using basic prepositions 'sur' and 'dans' to describe position		Rigolo Unit 6 Bon anniversaire Recognise and ask for snacks Opinions about food Numbers 21-31 Months of the year	
	5	Unit 7 Encore! -Revising ways to describe people -Nationalities -Characteristics using various adjectives		Unit 8 Quelle heure est-il? -Talking about leisure activities -Telling the time -Talking about what time you do activities		Unit 9 Les fetes -Talking about festivals and dates -Presents at festivals -Numbers 31-60 -Giving and understanding commands	
	6	Consolidation of previous units + Unit 7 Encore! -Revising ways to describe people -Nationalities -Characteristics using various adjectives		Unit 8 Quelle heure est-il? -Talking about leisure activities -Telling the time -Talking about what time you do activities		Unit 9 Les fetes -Talking about festivals and dates -Presents at festivals -Numbers 31-60 -Giving and understanding commands	

Topic Plans - these complement the above plans where appropriate and also incorporate remaining foundation subjects.

<p>Y 1</p>	<p><u>Percy The Park Keeper</u> Science - ourselves and our senses - seasonal change Geography - seasonal and daily weather patterns, comparing and contrasting features of parks Art and Design - painting, observational drawings Leaf rubbings, illustrating DT - Food and Nutrition, tasting seasonal vegetables, designing recipes History - history of a local park</p>	<p><u>Pirates</u> History- Look at the history and life of pirates and their ships; (comparing life on a pirate ship and a ship now), Geography-Early map skills - children will identify symbols and record simple grid references on a basic map. Locating oceans Art Painting - pirates, ships. Drawing - practising basic observational drawing skills Media -Chalk Texture - Pastels Colour - Colour mixing, shading light and dark Look at the work of Lowry DT Mechanisms Explore different moving pictures. Designing own pirate pictures with a moving part. Modelling pirate ships - children to construct their own mast/ anchor/ sails/ rigging etc. Music - pirate songs</p>	<p><u>Dinosaurs</u> History - to develop an awareness of the past using common words and phrases relating to the passing of time. Investigating how to research about the past. Geography - comparing similarities and differences between dinosaur time and now. Comparing regions of Lyme Regis to Morecambe Art - painting and colour mixing. Observational drawings of flowers. Investigating different media chalk and pastels DT - Textiles making fossil bags, Structures making 3D models of dinosaurs.</p>
<p>2</p>	<p><u>Fire, Fire!</u> Geography - Comparing local area to London Map work - identifying points of interest, using keys locating UK countries Art and Design - colour mixing, portrait and building painting DT - Making bread learning about ingredients, technique for kneading bread, designing and evaluating. History - Investigating historical characters (King Charles) Looking at mechanisms in castles. Children will be making a working drawbridge. Children will also be building a castle structure Comparing housing of 1666 to present Study of Samuel Pepys</p>	<p><u>Castles</u> History - Origins of castles - how, when and why they were built. Identify how castles changed through the times and the uses of castles. Look at knights and armour. Visit to Lancaster Castle. Geography - Looking at features and location of castles - why were they built in high places and by rivers. DT- Looking at mechanisms in castles. Children will be making a working drawbridge. Children will also be building a castle structure Art and Design - Collage castles and suits of armour. Colour mixing. Children design own coat of arms. Working with various mediums (pastels, chalk etc)</p>	<p><u>Seaside</u> History - Looking at how seaside holidays have changed since the Victorians. Identifying features of seaside towns past and present. Looking at how people dressed for the beach and the entertainment that was available Geography-Looking at features of a seaside town and comparing Morecambe with another seaside town. Children will be using geographical language to describe features. Children will be able to use a map accurately to find features. DT-Design and make a puppet for the Punch and Judy show. Children will be looking at different stitches and ways of joining material. They will be evaluating and saying how they can improve their work. Art and Design - Looking at Monet - Water Lillies. Children will be using pastels, learning how to colour mix and use collage to replicate Monet's work.</p>

<p>3</p>	<p><u>Wartime Britain</u> History - comparing life as a child in wartime Britain to present time. Compare and contrast difference in housing, clothing and food from 1940's to present time Art - colour mixing using paint/pastels. Clay work to create rationed food/remembrance poppies. Drawing and sketching/painting poppies. Geography - Map work to locate London and Morecambe on a map of UK. Comparison of Morecambe and London. Using World and European map to locate capital cities DT - Food technology - designing and making sandwiches comparing ingredients to those available in the war years. Music - singing and performing war time songs.</p>	<p><u>Bookmakers (local study)</u> Local History - A study of how the local area has developed from a small village to become part of a large town. Focus on community buildings and how they have changed over time.. DT -Textiles Designing, making book covers and making 'binka' bookmarks Art- Focus on observational drawings of buildings, using charcoal. Study the illustrations by Quentin Blake used in the Roald Dahl books. Use water colours to recreate characters in that style. Study of local artist Chas Jacobs</p>	<p><u>Rainforest</u> Geography Map work linked to world and European maps. Location of countries with rainforests worldwide and focus on the Amazon rainforest. Identify the position and significance of the Equator, N and S hemisphere, Arctic and Antarctic circle. Aspects of the physical geography to include the climate and the key aspects of human settlement and land use within the Amazon rainforest. Art Observational drawings of fossils using sketching pencils (link with science) Painting and pastels - focus on study of rainforest creatures. Symmetrical painted butterfly pictures for the rainforest display. Collage pictures of rainforest creatures. DT- mechanisms design make and evaluate a mechanism/structure of a rainforest creature with a moving part. Music - Create a graphic score to represent the sounds of rainforest creatures. (using percussion instruments) <u>Mayan (short topic)</u> History Study of the Mayan civilization c. AD 900. To develop an understanding of the history of the Maya, the daily life of the Mayan population, their religious beliefs and their scientific and artistic achievements. Look at time line to place the ancient civilisation in perspective. Geography - map work to locate Mesoamerica and develop an understanding of the climate and terrain of the area. Compare with societies that inhabit the rainforest now. Art - pencil drawings to recreate Mayan textile patterns. Develop observational skills to copy and create Mayan masks using pastels/crayons.</p>
<p>4</p>	<p><u>Successful Settlement</u> Geography- Locate Morecambe on increasing scales maps label countries of UK, borders, capital cities, local towns, seas, Islands of the British Isles. Identify symbols and features on Ordnance Survey maps History - Stone Age -time line to understand 5000</p>	<p><u>Innovation and Invention</u> History - a study of the Victorian era, the social history and inventions within that time. Looking at artefacts to understand the past. Geography - identify the location of the British Empire countries in the time of Queen Victoria. Art and Design</p>	<p><u>Life</u> (Science topic - Living Things and Their Habitats) Art and Design use information books to copy pictures of animals for a topic front cover design sketching in the school grounds - close ups of wildlife and landscapes sketch mini-beasts from photographs and colour in pastels</p>

	<p>years ago. -Identify work of archaeologists -Outdoor shelter building Comparing homes now and at the time of Skara Brae Art and Design- observation drawings using sketching skills -focus on objects seen on trips to Morecambe and Grasmere. Water colour paintings copying photographs from Grasmere trip. DT -Designing stone age style jewellery/artefacts Also: Mechanisms taught separately from topic -Christmas cards with moving parts</p>	<p>Study of William Morris designs DT (taught separately from topic) -breadmaking</p>	<p>design camouflage shapes/colours to suit different habitats in the school grounds (e.g. bark, leaves, grass, stones) and paint the designs Illustrate information posters by drawing and painting. Sculptures in the style of Andy Goldsworthy. DT (taught separately from topic) -design and test paper aeroplanes of different styles to see which fly the furthest Structures (using electricity to make something which lights a bulb) -Structures - using electricity to make something which lights a bulb.</p>
5	<p><u>Geography Skills and Fairtrade</u> Art and Design - observational drawing with paint. Exploring a variety of textiles to create a thread picture. Fairtrade art work to include Kenyan art, Indian Rangoli art and Masai masks. DT - food- designing and making Christmas biscuits Geography - developing skills using atlases and map resources. Using geographical facts to understand features of different countries with a link to food aid. Focus on map work and field work skills. History - the history of Fairtrade products and a timeline of the history.</p>	<p><u>Ancient Greeks</u> <u>Romans</u> (Greek life influence on (in-depth) Western World) History - Greek life and achievements and influence on the western world. The Roman Empire's impact on Britain (e.g. Julia Caesar's attempted invasion in 55-54BC, Roman Empire by AD42 and the power of the army, successful invasion by Claudius and conquest (Hadrian's Wall), Romanisation of British sites (e.g. impact of technology, culture and beliefs, early Christianity). Geography - Map work linked to Greece, world and European maps. Images linked to Greece and the locality. Map work linked to Rome and Italy. Maps completed of the invasion of Romans across Europe. Understanding of features of Roman Britain, including Hadrian's Wall, Roman roads etc. Art and Design - Art work linked to the Greeks, for example, Icarus paintings, Greek vases and patterns, ancient Greek buildings, designing and making Greek structures in small groups. Art work linked to the Romans, designing Roman shields, Roman sandals. Design and Technology - Designing, making and evaluating Greek buildings in small teams linked to topic work. Designing, making and evaluating Roman shields.</p>	<p><u>Anglo Saxons</u></p>
6	<p><u>Vikings (mini topic)</u> + Raids & Invasions (Edward the Confessor-struggle for the Kingdom of England) Art and Design - clay work, sculpture the Runes drawing and painting skills pictures of 'The Queen's Poison' DT - Viking jewellery Geography - map work of Viking led countries. Map work of Yorvik looking at street names, changes and similarities.</p>	<p><u>Volcanoes</u> History - History of volcanic eruptions, historical events - Pompeii Historical dates on a timeline/map Project about Pompeii Connect and contrast trends Understand how the past is constructed Geography - Physical features Map of the world - tectonic plates, earthquakes, eruptions Structure of a volcano Volcanoes around the world</p>	<p><u>Raging Rivers</u> Geography -Physical feature To understand what a river is and the journey from source to sea. Understanding of river processes and patterns. Research a local river using maps, photos and the internet. Identify and explain physical features of the river. Research and present information about a well-known world river to a group. Human geography</p>

<p>Local area, Morecambe-look for evidence of Viking rule</p> <p>History - comparison of Viking and modern homes Understand invasions and raids study Alfred the Great and Edward the Confessor to 1066. Chronology of the Viking era alongside other eras of time.</p>	<p>Seeing the patterns formed when mapping world volcanoes, volcanic areas - link to tectonic plates. Understanding of similarities and differences</p> <p>Human geography People and tourism, settlement, economic activity, Skills - Label and use maps and atlases , naming and locate countries, continents , oceans and seas of the world</p> <p>Art and Design - sketching different volcano designs, experiment with colour, shade, pattern, line. - record observations Improve use of colour, chalk, pencil, collage, paints, oil pastels, charcoal. Create large artwork on volcanoes. Use collage resources to create animation</p> <p>DT- design and make a 3D Volcano structure Design and annotate sketches</p>	<p>Flooding/drought - effect on others</p> <p>Art and Design - working with water colours. Study of artists who paint rivers and water.</p> <p>Design Technology - mechanisms - designing a bridge. <u>Egyptians</u> (in-depth)</p> <p>Art and Design - painting skills of Tutankhamun, sculptures of Egyptian artefacts, watercolour and pencil drawing skills of wall paintings.</p> <p>DT - recreating Egyptian artefacts.</p> <p>Geography - understanding of Egypt's landscape, climate, physical characteristics. Map work to understand the location of Egypt, compare similarities and differences of rivers and farming. Preservation of monuments, landscapes, Pyramids and effects of tourism</p> <p>History - timeline of key events during the Egyptian time. Study of Tutankhamun and Howard Carter. Mummification, Pyramids and hieroglyphics.</p> <p>Music - Evaluate Egyptian music, understand the instruments used and what the wall paintings tell us about music.</p>
<p>Updated 12.07.16 saved on T drive- curriculum - curriculum overview years 1-6</p>		<p>K Gardner</p>