Bassingbourn Community Primary School Year 3 Curriculum 2024 - 2025



Bassingbourn

Community Primary School

	Autumn		Spring		Summer	
	Picturebooks	Picturebooks	Chapter Books	Picturebooks	Picturebooks	Picturebooks
	 The Smart Cookie by 	- Leonora Bolt by Lucy	- The Boy Who Stole the	- Gregory Cool by	- Everest: The	- Faruq and the Wiri
	Jory John and Pete	Brandt and Gladys Jose	Pharaoh's Lunch by Karen	Caroline Binch	Remarkable Story of	Wiri by Sophia Payne
	Oswald	- Ocean Metts Sky by	McCombiw and Anneli		Edmund Hillary and	and Sandhya Prabhat
	- Ug: Boy Genius of the	The Fan Brothers	Bray	Chapter Books	Tenzing Norgay by	- The Midnight Fair by
	Stone Age by Raymond	- When Jessie Came	- The Ancient Egypt	- The Nothing to See	Alexandre Stewart	Gideon Sterer
	Briggs	Across the Sea by Amy	Sleepover by Stephen	Here Hotel by Steven		
	- Stone Age Boy by	Hest	Davies	Butler and Steven Lenton	Chapter Books	Chapter Books
	Satoshi Kitamura				 The Glass Slipper 	- The Girl Who Became a
	 The First Drawing by 	Chapter Books	Graphic Novel	Non-fiction	Academy by Paul	Fish by Polly Ho-Yen and
	Mordicai Gerstein	- Varjak Paw by SF Said	 Super Space Weekend: 	- The Big Book of	Harrison	Sojung Kim-McCarthy
	- The Tunnel by Anthony	and Dave McKean	Adventures in Astronomoy	Festivals by Joan-Maree		
	Browne		by Gaelle Almeras	Hargreaves	Non-fiction	Graphic Novel
	- The Three Billy Goats	Non-fiction			 Beasts of the Ancient 	- Tom's Midnight Garden
	Gruff by Mac Barnett	- Listen: How Evelyn	Non-fiction	Poetry	World: A Kid's Guide to	Graphic Novel by
	and Jim Klassen	Glennie, a Deaf Girl,	 (check books in the topic 	- Find Peace in a Poem	Mythical Creatures by	Philippa Pearce
		Changed Percussion	box)	by Various	Marchella Ward	
	Chapter Books	Shannon Stocker	 Egyptian Myths: Meet the 		 Mythologica: An 	Non-fiction
	- The Iron Man by Ted	& Devon Holzwarth	Gods, Goddesses and	Talk for Writing texts	encyclopedia of gods	- The Street Beneath my
	Hughes		Pharaohs of Ancient Egypt	- A Tale of Two Beasts	etc. by Dr. Stephen P.	Feet
	- The Boy with the Bronze	Poetry	by Jean Menzies	by Fiona Roberton	Kershaw	- A Wild Child's Book of
	Axe by Kathleen Fidler	 Selfies with Komodos 				Birds by Dara McAnulty
		by Brain Moses and Ed	Talk for Writing texts		Poetry	
DO	Non-fiction	Boxall	- Alien Landing by Pie		- Jelly Boots, Smelly	Talk for Writing texts
	 Nano by Dr. Jess Wade 		Corbett		Boots by Michael	- Guess Who in the
		Talk for Writing texts			Rosen	Woods Haiku Poems
•	Talk for Writing texts	- Dragon Post (Emma				for Children
	- How to Catch an Iron	Yarlett)			Talk for Writing texts	
Τ	Man – Oak National	- Astonishing			- The Great Kapok	
σ	Academy	Antarctica			Tree by Lynne Cherry	
	 Elf Road (Pie Corbett) 	(Grammarsaurus)			- Science experiment	
					from Grammarsaurus	Local study –
	Hunter Gatherers		Explore Egypt	Volcanoes and	Glorious Greeks	Settlements
		The World Jigsaw		Earthquakes		settlements

Talk4Writing over the Year

Below are the different writing texts we will be looking at over the year in Year 3.

- 1. Instruction
- 2. Narrative
- 3. Letter
- 4. Narrative (Sience Fiction)
- 5. Newspaper
- 6. Oersuasive
- 7. Recount
- 8. Poetry



		Autumn		Spring		Summer
	Week 1-3	 Number sense and exploring calculation strategies Read, write, order and compare numbers to 100. Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference. Derive new facts from a known fact. 	Week 1-2	 Multiplication and Division Multiplication facts for 2, 3, 4, 5, 6, 8, 10. Multiplicative structures: equal groups/parts, change and comparison, correspondence problems. Relationships: commutativity and inverse. 	Week 1-3	 Angles and shape Identify angles including right angles and recognise as a quarter of a turn. Identify and draw parallel and perpendicular lines. Draw/make, classify and compare 2-D and 3-D shapes. Measure perimeter.
	Week 4-5	 Place Value Read, write, represent, partition, order and compare 3-digit numbers. Find 10 and 100 more or less. Round to the nearest multiple of 10 and 100. 	Week 3-5	 Deriving multiplication and division facts Multiply and divide by 10 and 100. Multiply a 2-digit number by 2, 3, 4, 5 and corresponding division situations. Divide 2-digit by a 1-digit. 	Week 4-6	 Measures Read scales with different intervals when measuring mass and volume. Weight and compare masses and capacities with mixed units. Estimate mass and capacity.
	Week 6	Graphs Collect, interpret and present data using charts and tables. 	(6-7	Time Tell, record, write and order the time analogue and digital. 12-hour, a.m., p.m.	k 7	 Securing multiplication and division Recall and use multiplication and division facts for 6 and 8 times tables.
SC	Week 7-9	 Addition and subtraction Develop and use a range of mental calculation strategies. Illustrate and explain formal written methods – column method. 	Week	Measure, calculate and compare durations. Fractions	Week	Exploring calculation strategies and place
Mat	Week 10-11	 Length and Perimeter Measure, draw and compare lengths. Add and subtract lengths. Calculate perimeter. 	Week 8-10	 Part-whole relationships. Fractions as part of a whole or a whole set and as a number. Add, subtract, compare and order fractions. 	Week 8-9	 Add and subtract mentally. Find 10, 100 and 1000 more or less. Order and compare beyond 1000. Round numbers.

Autumn		Spi	ring	Summer	
Animals, including humans Movement and nutrition: Studying the human skeleton, children identify key bones and compare them to other animals explaining the role within the body. Pupils explore how changes in muscles result in movement and the implications these discoveries have in the scientific development of prosthetic limbs. They study how energy is used by the body, what constitutes a balanced diet in humans and how research contributes to nutritionist expertise.	Forces, Earth and space Forces and magnet: Investigating the movement of vehicles on different surfaces, children learn about the impact of friction and compare uses and drawbacks. They broaden their experience in writing scientific methods and recording data as they investigate contact and non-contact forces. Pupils explore the properties of different magnets and use this to understand their uses.	Materials Rocks and soil: Studying rocks and their properties, children learn how to classify rocks and identify how they were formed. They look at the work of paleontologists to learn about fossil formation and use models to explore how fossils tell us about the past. Pupils investigate the physical properties of rocks and link these to their particular uses and explore soil formation, separate soil using a sedimentation jar and test soil drainage.	Energy Light and shadows: Identifying examples of light sources, children learn that light is needed to see and how its absence causes darkness. Children investigate reflection and shadow formation, including how different factors change the shadows observed. They explore how shadows can be used to entertain in the arts and create shadow puppets to recount how different people work or experiment with light.	Plants Plant reproduction: Building on their prior knowledge of plant structures, children describe the functions of named parts and use evidence to explain their significance in plant development. They investigate further factors that may affect the growth of plants and compete with their peers to disperse seeds in a variety of ways. They explore how seeds vary and define the type of plant they are studying, as well as looking at how seed shapes have inspired modern technologies.	Making connections

cience

()

Autumn		Spring		Summer	
<u>Gestural</u>	Working with	Telling Stories	<u>Cloth, Thread,</u>	<u>Making</u>	Using Natural
Drawing with	Shape and	Through Making	<u>Paint</u>	Animated	Materials to
<u>Charcoal</u>	<u>Colour</u>			<u>Drawings</u>	Make Images
		Explore how	Explore how		
Making loose,	"Painting with	artists are	artists combine	Explore how to	Using natural
gestural	Scissors":	inspired by other	media to create	create simple	pigments and
drawings with	Collage and	art forms – in	work in response	moving drawings	dyes from the
charcoal, and	stencil in	this case how	to landscape.	by making paper	local
exploring drama	response to	we make	Use acrylic and	"puppets" and	environment to
and	looking at	sculpture	thread to make a	animate them	make art.
performance.	artwork.	inspired by	painted and	using tablets.	Exploring
		literature and	stitched piece.		Cyanotype and
		film.			Anthotype

Autumn		Spi	ring	Summer	
Fundamentals	OOA	Ball Skills	Rounders	Gymnastics	Swimming





Autumn	Spring	Summer
Hunter Gatherers Focus: Children will know the changes in Britain from Stone Age to Iron Age	Exploring Egypt Focus: Children will know when and where the ancient Egyptian civilisation appeared and what life was like at the time.	Glorious Greeks Focus: Children will know about ancient Greek life, their achievements and their legacy.
 Stone Age to Iron Age covers around 10,000 years, between the last Ice Age and the coming of the Romans. People moved from hunter-gatherer to farmer, from rural to urban, from fighting for survival to sophisticated society. Stone age - Palaeolithic - Nomadic people were hunters, found food by moving from place to place in different seasons. Britain geographically part of mainland Europe Mesolithic - during this period sea levels rose Britain became an island. Tools developed becoming smaller and finer. Invention of canoes leading to fish hunting. Neolithic - people settled into villages and began farming. Began to look after animals and grow their own crops. Stonehenge: A prehistoric monument in Wiltshire, England. It consists of a ring of standing stones, with each standing stone around 13 feet high (the height of two doors), 7 feet wide and weighing around 25 tons (about 2 double decker busses). Bronze age - people discovered how to extract metal from rocks. Bronze replaced stone as the best material to make tools. Able to build better equipment. Iron age (Celts and Picts) - iron replaced bronze as the main material. Began to protect themselves by building hill forts which were groups of buildings protected by stone walls. A simple timeline of key facts to evidence changes occurring over this period of time. 	 Ancient Egyptian civilization spans 3000 years of recorded history, from around 3000 BC to 30 BC. Nile was essential in Egypt for; transport: the Nile was the highway of the kingdom, food: fish and water-fowl, papyrus reeds, used to make paper, baskets, boats, sandals. Focus on key achievements of the Ancient Egyptians such as the significance of the River Nile, the Pyramids, the afterlife and significant individuals such as archaeologists who have discovered key facts about Cleopatra and Tutankhamun. Hieroglyphics and Rosetta Stone. The ancient Egyptians possessed great scientific knowledge. This included the following; Astronomy For example, the Egyptians aligned the Great Pyramid so that the Dog Star and the Pole Star shine into it at specific times. They also worked out a 365-day year which accurately predicted the annual flooding of the Nile. Arithmetic, geometry and engineering This is seen in the accurate building of the pyramids and other royal tombs. Although Egyptian medicine had large elements of magic, we also have evidence of enormous surgical skill, such as 'skull openers' who could carry out delicate brain operations. Tutankhamun was born in a 1341 BC tomb in the Valley of the King. Died when only 19 years old. Discovered by Howard Carter, a British archaeologist, in 1922. Cleopatra - born 69 BC Died 30 BC last of the Ptolemies. (ancestors of Alexander the Great) Initially ruled with her brother but he tried to take over from the Romans. Caesar and helped her become sole leader. Has a child with Caesar. 	Ancient Greece empire spread over Europe as far as France in the East. The Greek Empire was most powerful between 2000 BC and 146 BC. The Ancient Greeks lived in Greece and the countries that we now call Bulgaria and Turkey. Ancient Greece was split into many different states, each one was ruled in its own way. Each state had its own laws, government and money but they shared the same language and religion. The two most important city states were Athens and Sparta. Legacy of the Ancient Greeks - (How Ancient Greece influenced modern day culture.) The ancient Greeks developed new ideas for government, science, philosophy, religion, and art. The influence of the Ancient Greeks is still felt by us today. Democracy - Around 508 BC, democracy was introduced to ancient Athens. The word 'democracy' means 'government by the people. Listening to the opinions of other people and debating issues was an important part of this system. After debating issues, the ancient Athenians would vote. At that time, the only people allowed to take part in democracy were adult males who were citizens of Athens. We have a form of democracy in Britain, and this is a legacy of the Athenians and their assemblies and councils. For many years only men could vote in Britain. Women got the vote in 1918. Trial by Jury. The word 'theatre' is Greek. Most modern theatres follow the Greek plan. The first Olympic Games were held in 776 BC at the Greek city of Olympia. Battle of Marathon. Pheidippides ran from Athens to Sparta to ask for help against the Persians just before the Battle of the Marathon (490 BC). Building styles (Architecture) Throughout the world, buildings have been constructed in the style of Ancient Greece. The British Museum is an example of this. The first two letters of the Greek alphabet - alpha and beta - have given us the word 'alphabet'. Alexander the Great was the leader of the kingdom of Northern Greece called Macedonia. Conquered many Greek states before conquering other countries including Eypt. Created the city of Alexan

Autumn	Spring	Summer
The World Jigsaw	Volcanoes and Earthquakes	Local study – Settlements
 Name, locate and describe some major counties and cities in the UK, identifying some human and physical features. Counties of the United Kingdom include Buckinghamshire, Northamptonshire and Warwickshire. Major cities of the United Kingdom include London, Birmingham, Edinburgh, Cardiff, Manchester and Newcastle. Locate countries and major cities in Europe (including Russia) on a world map identifying some human and physical features. Countries in Europe include the United Kingdom, France, Spain, Germany, Italy and Belgium. Russia is part of both Europe and Asia. Locate countries and major cities in Europe (including Russia) on a world map identifying some human and physical features. Latitude is the distance north or south of the equator and longitude is the distance east or west of the Prime Meridian. Identify the five major climate zones on Earth. The Earth has five climate zones: desert, equatorial, polar, temperate and tropical. Use the eight points of a compass to locate a geographical feature or place on a map. The eight points of a compass are north, south, east, west, northeast, north-west, south-east and south-west. Analyse maps, atlases and globes, including digital mapping, to locate countries and describe features studied. Maps, globes and digital mapping tools can help to locate. 	 Name and locate significant volcanoes and plate boundaries and explain why they are important. Significant volcanoes include Mount Vesuvius in Italy, Laki in lceland and Krakatoa in Indonesia. Significant earthquake-prone areas include the San Andreas Fault in North America and the Ring of Fire, which runs around the edge of the Pacific Ocean and is where many plate boundaries in the Earth's crust converge. Over three-quarters of the world's earthquakes and volcanic eruptions happen along the Ring of Fire. Explain the physical processes that cause earthquakes and volcanic eruptions. Volcanic eruptions and earthquakes happen when two tectonic plates push into each other, pull apart from one another or slide alongside each other. The centre of an earthquake is called the epicentre. Describe the parts of a volcano. A volcano is an opening in the Earth's surface from which gas, hot magma and ash can escape. They are usually found at meeting points of the Earth's tectonic plates. When a volcano erupts, liquid magma collects in an underground magma chamber. The magma pushes through a crack called a vent and bursts out onto the Earth's surface. Lava, hot ash and mudslides from volcanic eruptions can cause severe damage. Name and describe properties of the Earth's four layers. The Earth is made of four different layers. The inner core is made mostly of hot, solid iron and nickel, and the outer core is made of liquid iron and nickel. The mantle is made of solid rock and molten rock called magma. The crust is a thin layer of solid rock that is broken into large pieces called tectonic plates. These pieces move very slowly across the mantle. Analyse maps, atlases and globes, including digital mapping, to locate countries and describe features studied. Maps, globes and digital mapping tools can help to locate and describe significant geographical features. 	 Describe the type and characteristics of settlement or land use in an area or region, including economic activity including trade links and the distribution of energy and discuss how this has changed over time. Different types of settlement include rural, urban, hamlet, town, village, city and suburban areas. A city is a large settlement where many people live and work. Residential areas surrounding cities are called suburbs. Pupils will know different areas import and locally produce different products. They will know 'globalisation' in that the economies of different countries are connected. They will know consumer choice can impact the economic activities of other countries. They will understand export and import. Focus: Sulawesi island? London and Sunderland and their development over time. Classify, compare and contrast different types of geographical feature. Geographical features created by humans are called human features. Human features include houses, factories and train stations. Geographical features created by nature are called physical feature. Physical features include beaches, cliffs and mountains. Use the eight points of a compass to locate a geographical feature or place on a map. The eight points of a compass are north, south, east, west, north-east, north-west, southeast and south-west. Use four-figure grid references to describe the location of objects and places on a simple map. A four-figure grid reference contains four numbers. The first two numbers are called the easting and are found along the top and bottom of a map. The second two numbers are called the northing and are found up both sides of a map. Four-figure grid references give specific information about locations on a map. Analyse primary data, identifying any patterns observed. Primary data includes information gathered by observation and investigation. Gather evidence to answer a geographical question or enquiry. The term geographical evidence rel

Autumn		Spi	ring	Summer	
Textiles	Electrical Systems	Mechanical Systems	Digital World	Cooking and nutrition	Structure
Cross stitch and appliqué	Electric poster	Pneumatic toys	Wearable technology	Eating seasonally	Constructing a castle
Cushions or Egyptian collars Pupils learn two new sewing skills: cross stitch and appliqué and then apply these to the design, decoration and assembly of their own cushions or Egyptian collars.	An introduction to information design and electrical systems, pupils create an electronic poster using a basic circuit to develop a museum display.	Designing and creating a toy with a pneumatic system, learning how trapped air can be used to create a product with moving parts. Pupils are introduced to thumbnail sketches and exploded diagrams.	Designing, coding and promoting a piece of wearable technology to use in low light conditions, developing their understanding of programming to monitor and control products to solve a design scenario.	Discovering when and where fruits and vegetables are grown and learning about seasonality in the UK. Pupils respond to a brief to design a seasonal food tart using ingredients harvested in the UK in May and June.	Learning about the features of a castle, pupils design and make one of their own. Using configurations of handmade nets and recycled materials to make towers and turrets and constructing a stable base.



Autumn		Spi	ring	Summer	
Ballads	Creating compositions in response to an animation (Theme: Mountains)	Developing singing technique (Theme: The Vikings)	Pentatonic melodies and composition (Theme: Chinese New Year)	Jazz	Traditional instruments and improvisation (Theme: India)
Learning what ballads are, how to identify their features and how to convey different emotions when performing. Selecting vocabulary to describe a story, before turning it into lyrics following the structure of a traditional ballad.	Listening to music and considering the narrative it represents by paying close attention to the dynamics, pitch and tempo and how they change throughout the piece. Creating original compositions to match an animation.	Developing singing technique; learning to keep in time, musical notation and rhythm, culminating in a group performance of a song with actions.	Using the story of Chinese New Year as a stimulus: revising key musical terminology, playing and creating pentatonic melodies, composing a piece of music in a group using layered melodies and performing a finished piece.	Learning about ragtime style music, traditional jazz music and scat singing. Children create a jazz motif using a swung rhythm and play a jazz version of a nursery rhyme using tuned percussion.	Introducing to traditional Indian music. Learning about the rag and tal, listening to a range of examples of Indian music, identifying traditional instruments and creating improvisations and performing.



Autumn		Spi	ring	Summer		
Respectful R&W	Where do we get our morals from?	Is scripture central to religion?	What happens if we do wrong?	Why is water symbolic?	Why is fire used ceremonially?	
Thinking about what religions and worldviews are, children look at optical illusions and explore the lens that they and others look at the world through.	Reflecting on why people make choices about how to live a good life, children consider their views on what is right and wrong. They investigate how	Building on their learning about guidance in religious texts, children investigate how scripture is used and treated by different people. Using	Making connections between their previous learning about the role of god and moral guidance, children explore the meaning of consequences	Looking at the many ways water is used in rituals and ceremonies, children will experience the symbolic use of water and learn about the historical	Continuing to look at symbolism, children explore the use of fire in many ceremonies and as a symbol of remembrance. They	
What makes us human? Exploring ideas about spirituality, inner self and the soul, children interpret and use art to express beliefs about the soul and inner self and design a book cover and blurb for a book called 'What makes us human?' (Hindu, Christian, Buddhist and	some Jewish people use a tallit to help them remember guidance and explore objects that others may use in a similar way. Children write their own moral code mini-book inspired by their learning in this unit. (Christian/Jewish, Buddhist, Muslim, Hindu and Humanist worldviews.)	virtual or real-life visits to places of worship, they act as detectives to find evidence of place of scripture. (Jewish, Muslim, Christian, and locally represented worldviews.)	to different people. They design and play snakes and ladders style games based on learning beliefs about reincarnation. (Hindu, Muslim, Humanist, Christian and Jewish worldviews.)	connections water has in some religions. From this, they create poetry to express ideas about the symbolism of water. (Christian, Sikh, Muslim, Shinto and locally represented worldviews.)	design an eternal flame to commemorate a particular person or event and create artwork inspired by the symbolic use of fire. (Hindu/Sikh, Zoroastrianist and locally represented worldviews.)	



Autumn		Spring		Summer	
Phonetics I Am Learning Fr/Sp/It	Animals	Instruments	I am able to I know how to	Fruits/Vegetables	Ice-Creams



Autumn		Spring		Summer	
Family and relationships	Safety and the changing body	Health and wellbeing	Citizenship	Economic wellbeing	School Transition
 Introduction to RSE Healthy families Friendships - conflict Effective communication Learning who to trust Respecting differences Stereotyping 	 Basic first aid Communicating safely online Online safety Fake emails Drugs, alcohol & tobacco Keeping safe out and about 	 My healthy diary Relaxation Who am I? My superpowers Breaking down barriers Dental health 	Responsibility Rights of the child Rights and responsibilities Recycling Community Local community groups Charity Democracy Local democracy Rules 	 Money Ways of paying Budgeting • How spending affects others Impact of spending Career and aspirations Jobs and careers Gender and careers 	



Autumn		Spring		Summer	
Unit 3.1 – Coding	Unit 3.2 – Online Safety Unit 3.3 - Spreadsheets	Unit 3.4 – Touch Typing	Unit 3.5 - Email	Unit 3.6 – Branching Databases	Unit 3.7 – Simulations Unit 3.8 - Graphing

