

Year 4 Curriculum Overview 2017-18

The following curriculum overview may be subject to change. At Monksdown Primary School we are constantly evolving our curriculum in response to the needs of learners and national strategies. For the most up-to-date information of what your child is learning please visit our website and Twitter feeds which are regularly updated throughout the year.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Text	This term we will be reading The Iron Man by Ted Hughes, The Firework Maker's Daughter by Philip Pullman and a selection of short stories. Narratives - we will also be reading, writing and retelling our own wishing tales and warning tales.		This term we will be reading Charlotte's Web by E.B. White, The Snow-Walkers Son by Catherine Fisher and a selection of short stories.		This term we will be reading Bill's New Frock by Anne Fine, Why the Whales Came by Michael Morpurgo and a selection of short stories.	
Computing	Use computers and iPads to research History and English topics including Black History. This will involve checking information for its relevance and modifying search strategies to ensure their searches are efficient. They will begin to understand that some internet content may be inaccurate, offensive or upsetting and what to do if they find inappropriate content.		In COMPUTING the children will learn to expand their coding techniques. Children will learn how to program a computer game which includes repetition. They will detect and debug errors to ensure their program completes the given task.		The children Year 4 will consolidate their basic Computing skills focusing on saving, opening and renaming files and keyboard skills.	Children will also use Super Duper Music Looper to enable them to identify and sequence different instruments by the way they sound.
Science	Children will learn about electricity. As scientists they will construct simple circuits and study the links between magnets and electricity. The children will focus on developing scientific skills, including; defining variables, designing questions, making/justifying predictions, planning investigations and predicting outcomes.		The children will learn about geology, mixtures and separation. As scientists they will learn about mixing solids and liquids and how to separate them. They will also study how this relates to soils and rocks in the world around us. The children will focus on developing scientific skills, including; selecting which data to gather, graphing/tabulating data, spotting patterns in data and drawing conclusions from data.		The children will learn to analyse and evaluate data related to environment, ecology and evolution. As scientists they will learn about how the environment affects living things, and how living things have adapted to living on earth. The children will focus on developing scientific skills, including; validating data, identifying/explaining anomalies and preventing anomalies.	
History	As Historians, the children will be studying Liverpool and our city's links to the Trans-Atlantic Slave Trade. The children will build upon their understanding of chronology and understand how Liverpool has changed over time.		As Historians the children will study the Roman Empire and its impact on Britain then and now. We will also be learning about the history of Liverpool, considering historical concepts such as continuity and change, cause and consequence.		Topic linked Historical artifacts and images will be used as a stimulus for Short Burst Writes within English lessons across the term.	
Geography	Countries of the World Using maps and GIS, locate continents, countries, and cities identifying physical features. Investigate key aspects of climate in the regions of the world and how physical features have an impact on people's lives. The children will compare Nigeria with the UK, linking this into our History topic 'The Slave Trade'.		In the Desert As geographers, children will locate deserts (including the Arctic and Antarctic) on physical and online maps. They will also discuss desert climate and how deserts are formed. The impact that deserts have on people that live in or near them will also be investigated. The issues surrounding human activity alters the environment and affects the rate of desertification.		Earning and Living As geographers, the children will learn about the importance of jobs for UK society. They will investigate different jobs, sectors and industries in the UK before comparing them with other countries. The issues around unemployment and child labour will also be discussed.	
Languages	The focus of our French lessons will be on practical communication, responding to spoken and written language. The children will be encouraged to speak with increasing confidence and fluency, as well as lengthening the amount of writing produced over the key stage.					
	We will study the numbers to a hundred, family members and how to describe people.		We will recall body parts, say where they are hurting, name some sports, say which sport they like or not, recall pets, describe colour, size and personality of pets, describe eyes, hair, height and personality of others.		We will study the numbers to a hundred, family members and how to describe people.	
PE	Swimming - Consolidate and develop the quality of their skills e.g. front crawl, back crawl, breaststroke, floating, and survival skills, Swim competently, confidently and proficiently over a distance of at least 25 metres, Choose and use a variety of strokes and skills, according to the task and the challenge e.g. swimming without aids, distance and time challenges, Perform self-rescue in different water-based situations, Describe and evaluate the quality of swimming and recognise what needs improving.		Gymnastics – Develop a range of actions, body shapes and include a performance, Create gymnastic sequences that meet a theme or set of objectives, Describe how their body reacts to different situations, Make simple judgments on their own and others work, Suggest ways performance can be improved		Striking & Fielding Handball, Rounders and Hockey - Keep a game going using a range of different ways of throwing Strike a ball with intent and throw it more accurately when bowling and/or fielding, Use a range of skills with increasing control, Effectively play a competitive net / wall game, Keep and use rules they are given, Try to make things difficult for their opponent by directing the ball to space, at different speeds and height	
					Athletics - Develop skills from the 3 main aspects of athletics – running, jumping and throwing, Show controlled movements and body actions in response to specific instructions, Can demonstrate agility and speed Jump for height and distance with control and balance, Throw with speed and power and apply appropriate force	
Music	Mamma Mia The children will fluently perform 'Mamma Mia' with control and accuracy, recognise the tempo, dynamics and instruments of related songs, develop an historical understanding of ABBA, improvise on percussion/glockenspiels with dynamics.	KS2 Nativity The children will learn to sing and perform a production based on the story of Christmas	Glockenspiel Stage 3 The children will recall and perform a variety of songs with fluency, control and expression on the glockenspiel from both memory and score, listen and comment on contrasting musical elements, understand glockenspiel science, perform with expression.	Benjamin Britten – Cuckoo! The children will fluently perform 'Cuckoo!' with control and accuracy, recognise the tempo, dynamics and instruments of related songs, develop an historical understanding of related music, improvise on percussion/glockenspiels with dynamics.	Lean On Me The children will fluently perform 'Cuckoo!' with control and accuracy, recognise the tempo, dynamics and instruments of related songs, develop an historical understanding of gospel music, improvise on percussion/glockenspiels with dynamics.	Reflect, Rewind, Replay Revisiting songs from the year

Art	As Artists, the children will develop their techniques and skills, focusing on African art linked to our History topic. They will study and recreate African symbols, and use stencilling and printing techniques. The use of Sketch Books will be further developed and children will be encouraged to record, review and revisit their ideas.		As Artists, the children will develop their understanding of colour and shade. Linked to the 'Romans' topic, the children will explore patterns and symmetry before arranging tiles into a design of their choice to make personalised mosaics. The use of Sketch Books will be further developed and children will be encouraged to review and revisit their ideas.	As Artists, the children will develop their experience and understanding of Op art and focus on the work of Bridget Riley and Victor Vasarely. Main techniques will include painting (experimenting with paint textures) shading, and sketching repetitive patterns. The use of Sketch Books will be further developed and children will be encouraged to review and revisit their ideas.		
DT	Textiles Weaving		Mechanisms/Structures Marble Run from recycled materials with pulleys			Food Technology
Cooking and Nutrition: Using Edible Gardens as a stimulus our children are taught the importance of a healthy and varied diet. They will prepare and cook a variety of dishes using a range of cooking techniques. As chefs the children will be taught where food comes from and will be taught about seasonality. Food Technology is also taught throughout the year linked to other areas of the curriculum e.g. Year 5 pupils make an Anglo Saxon feast, pancakes are made on Shrove Tuesday, Christmas cookery, Chinese New Year etc						
RE	Wisdom from Sacred Texts- Respond thoughtfully to a range of sources of wisdom and to beliefs and teachings that arise from them in different communities Christmas – Advent Retell and understand the main events of the Christmas story from different viewpoints.		Prayer and special places - Explore the different ways in which religious people pray and worship deities. Easter – Prayers and the Cross . Explore what artefacts are special to Christians and the significance of communion and the symbol of the cross.		The Journey of Life and Death – Develop understanding of beliefs of life after death in two religions and humanism. Articulate reasons for own beliefs.	
SMSC/PSHE	In SMSC the children will explore 'changes'. The children will be taught aspects of British Values, including: democracy, the rule of law, individual liberty, mutual respect and tolerance. All aspects of school life aim to deepen and develop understanding of these concepts and compliment PSHE. As a school we feel that we should not only to cover the National Curriculum but also develop skills and values that are particular to our children. Our school values encourage the pupils to be: Responsible, Resilient, Respectful and Resourceful; these ideals are central to our school ethos.					
Resilience & Respect: I will not join in on bullying		Resilience & Respect: The bullied child needs my support		Resilience & Respect: I will not be bullied!		
What is diversity? Difference and diversity of people living in the UK; values and customs of people around the world; stereotypes	How can we be a good friend? Recognise wider range of feelings in others; responding to feelings; strategies to resolve disputes; negotiation and compromise; resolving differences; feedback	How do we grow and change? Changes that happen at puberty; keeping good hygiene; describing intensity of feelings to others; managing complex emotions; different types of relationships; what makes a healthy relationship (friendship); maintaining positive relationships; who is responsible for their health and wellbeing; to ask for advice		How can we keep safe in our local area? Managing risk in familiar situations and the local environment; feeling negative pressure and managing this; recognising and managing dares; actions affect themselves and others; people who help them stay healthy and safe		