

Deansfield Primary School

Year Group 4

Curriculum Overview 2017 – 2018

<p>Reading</p> <ul style="list-style-type: none"> Secure decoding of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Identify themes & conventions Retrieve & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas 	<p>English Writing</p> <ul style="list-style-type: none"> Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing into paragraphs Use simple organisational devices Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud 	<p>Grammar</p> <ul style="list-style-type: none"> Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctuate direct speech Use commas after front adverbials <p>Speaking & Listening</p> <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners
<p>Number/Calculation</p> <ul style="list-style-type: none"> Know all tables to 12 x 12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 (C) Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication 	<p>Geometry & Measures</p> <ul style="list-style-type: none"> Compare 2-d shapes, including quadrilaterals & triangles Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations <p>Data</p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs 	<p>Fractions & decimals</p> <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems

Subject	Autumn 1 Whole School Focus: Cultural Art- Aboriginal Art	Autumn 2	Spring 1 Whole School Focus: Science	Spring 2	Summer 1 Whole School Focus: TBC	Summer 2
	PHSCE Core Values: Respect and Creativity Co-operation	PHSCE Core Values: Responsibility Kindness	PHSCE Core Values: Trust Fairness	PHSCE Core Values: Fairness Positivity	PHSCE Core Values: Individuality Honesty	PHSCE Core Values: Confidence Enjoyment
	Text: Journey to the River Sea	Text: Journey to the River Sea	Text: Beowulf	Text: Macbeth/Shakespeare	Text: Ice Palace	Text: Varjak Paw
		Zoo trip?		Hall Place trip	Globe Theatre Pizza Express trip	

PHSCE	<p>Living in the Wider World to resolve differences by looking at alternatives, seeing and respecting others' points of view, making decisions and explaining choices</p> <p>Positive relationships at school: Understand what disability is Have an understanding of difference</p>	<p>Positive Relationships at School: Consider the role and responsibility of people who witness bullying behaviour Understand that words can hurt others Introduce disablist language</p> <p>Living in the Wider World: Whole school focus – International Week and fundraising</p>	<p>Living in the Wider World To realise the consequences of anti-social and aggressive behaviours such as bullying and discrimination on individuals and communities</p> <p>Relationships: develop strategies to resolve conflict and disputes through negotiation and appropriate compromise and to give rich and constructive feedback and support to benefit others as well as themselves</p>	<p>Relationships: to recognise what constitutes a positive, healthy relationship and develop the skills to form and maintain positive and healthy relationships</p> <p>Health and well-being: strategies for keeping physically healthy and safe including road safety (cross-curricular links to science and DT)</p>	<p>Relationships: the concept of 'keeping something confidential or secret', when we should or should not agree to this and when it is right to 'break a confidence' or 'share a secret'</p> <p>Living in the Wider World to think about the lives of people living in other places, and people with different values and customs</p>	<p>Health and Well-being: Reflect on and celebrate achievements, identify strengths and areas for improvement, set high aspirations and goals Keeping physically and emotionally safe, including online safety, use of social media, ICT and mobile phones</p>
Science	<p>Living Things and their Habitats</p> <p>Biology Classify living things Food chains</p>	<p>Electricity – links to DT (electrical Christmas cards)</p> <p>Physics Electricity: simple circuits & conductors</p>	<p>Animals including humans</p> <p>Digestive system & teeth</p> <p>(Link with the rainforest – geography)</p>	<p>States of Matter</p> <p>Chemistry Changes of state</p>	<p>States of Matter</p> <p>The water cycle</p>	<p>Sound</p> <p>Physics Sound as vibrations</p> <p>Equal opps: Understanding sensory impairment, including hearing loss Design and make musical instruments</p>
Computing	<p>Programming- Scratch</p> <p>- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. - Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>E-Safety How computers work: recognise common uses of information technology beyond school</p>	<p>Programming- Scratch</p> <p>- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. - Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>-Safety How computers work: recognise common uses of information technology beyond school</p>	<p>Programming- Lego WeDo</p> <p>- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. - Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>E-Safety How computers work: recognise common uses of information technology beyond school</p>	<p>Programming- Lego WeDo</p> <p>- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. - Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>E-Safety How computers work: recognise common uses of information technology beyond school</p>	<p>Using technology effectively- Book creator/ Comic Life</p> <p>- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p> <p>E-Safety How computers work: recognise common uses of information technology beyond school</p>	<p>Using technology effectively- I can animate/iMovie</p> <p>- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p> <p>E-Safety How computers work: recognise common uses of information technology beyond school</p>
Design and technology		<p>Control mechanisms Electrical circuits (Light up Christmas cards)</p> <p>Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas</p>		<p>Tudor pouches Stitching, cutting joining</p> <p>Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and</p>	<p>Grow herbs and use in cooking</p> <p>Understand seasonality; prepare & cook mainly savoury dishes Use research & criteria to develop products which are fit for purpose</p>	

		Evaluate existing products and improve own work Use mechanical systems in own work		improve own work Use mechanical systems in own work	Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve own work	
History	Broader History Study: Ancient Civilizations – Aboriginal culture. Develop understanding of ancient and modern periods of history, evaluate usefulness of different sources		Anglo Saxons Build up a picture of past events in British History (taught chronologically) Equal opps: Respecting cultural diversity	The Tudors Build up a picture of past events in British History using evidence to construct life in the time studied		
Geography		Locate countries of the world: South America, Australia and rainforests focus on key physical & human features The difference between climate and weather Compare similarities and differences in climates and vegetation between tropical rainforest and the UK. Use fieldwork to observe, measure & record			UK and Europe – human and physical features climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc. Mapping – linked to invasions Equal opps: celebrating European culture and languages	UK and Europe – human and physical features climate, rivers, water cycle, Link to states of matter in Science- the Water Cycle
Religious Education	Weddings: in the Christian tradition and then focus on one other faith from Hinduism, Judaism or Sikhism in detail Ways of celebrating The story The community The symbols The inner meaning	Christian Places of Worship Why are there different places of worship for Christians? What similarities are there in what Christians believe? How does coming together help Christians to grow in their faith? Concepts: Beliefs, teachings and sources. Ways of life; Forms of expression. Identity and Belonging. Meaning, purpose and truth. Values and commitments.	Hinduism Hindu Life Why is the natural world important to a Hindu? How does belief about creation lead to vegetarianism and ahimsa? Concepts: Beliefs, teaching, sources. Practices and ways of life. Identity and belonging meaning, purpose and truth.	Hinduism God and beliefs How do Rama and Krishna help Hindus to understand God? What stories do you know that help Hindus to learn about right and wrong or evil or good? What does it mean to be a Hindu? Concepts: Beliefs, teaching, sources. Practices and ways of life. Meaning, purpose and truth.	Buddhism Living as a Buddhist What is the importance of a temple or a Buddhist centre? Why do Buddhists have images of the Buddha? Concepts: Beliefs, teachings and sources Practices and ways of life Identity and belonging. Meaning, purpose and truth Equal opps: Life-changing experiences - paralympians	Buddhism Following the Buddha's Teaching How do Buddhists try to follow the teachings of the Buddha? How do the teachings and example of the Buddha help Buddhists to grow towards enlightenment? Concepts: Beliefs, teachings and practices Forms of expression Meaning, purpose and truth

<p>Art and design</p>	<p>Drawing and Painting: Mix and use tints and shades to develop portrait skills (Tudor portraits) Using pastels</p> <p>Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials</p> <p>Learn about great artists: Holbein – <i>The Ambassadors</i> – Tudor style artist</p>		<p>Sculpture: 3D – develop techniques to create clay pots</p> <p>Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials</p> <p>Develop tone and shading to create 3D pictures.</p>		<p>Printing: Plan, design and create Prints using range of techniques Batik inspired by the rainforest</p> <p>Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing,</p> <p>Rainforest paintings Explore water colour Learn about great artists: Oenone Hammersley- <i>Jaguar guarding temples Tikal and Rainforest</i></p>	
<p>Languages French</p>	<p>Where is French spoken? Places in our locality Numbers 30-40</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary</p>	<p>Weather, seasons, More colours, Stories</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary</p>	<p>On my way to school, Our Travels, likes and dislikes</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary</p>	<p>Lunchtime, Body parts</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary</p>	<p>Places in town, animals, animal Habitats</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes □ Broaden vocabulary</p>	<p>Sport and senses</p> <p>Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary</p>
<p>Music</p>	<p>Singing: Introduce 3 part singing</p> <p>Use voice & instruments with increasing accuracy, control and expression</p> <ul style="list-style-type: none"> • Improvise & compose music • Listen with attention to detail • Appreciate wide range of live & recorded music • Begin to develop understanding of history <p>Recorder: Learn to play in flat keys Music from different cultures Listening: Music from African continent</p>		<p>Recorder: Learn high register by overblowing</p> <p>Listening: Music from Brazil</p>	<p>Listening: Music from India</p>	<p>Learning songs from Shakespeare</p> <p>Listening: Music from China</p>	<p>Learn about harmonics (link with Science)</p>
<p>Physical Education</p>	<p>Swimming: proficiency at 25m</p> <p>Netball Play competitive games, modified as appropriate</p>	<p>Swimming: proficiency at 25m</p> <p>Dance and Gym Develop flexibility & control in gym, dance &</p> <p>Athletics Compare performances to achieve personal bests</p>	<p>Swimming: proficiency at 25m</p> <p>Dance and Gym Develop flexibility & control</p> <p>Athletics Compare performances to achieve personal bests</p>	<p>Swimming: proficiency at 25m</p> <p>Tennis Play competitive games, modified as appropriate</p> <p>Dance and Gym Develop flexibility & control</p> <p>Athletics Compare performances to achieve personal bests</p>	<p>Swimming: proficiency at 25m</p> <p>Games Play competitive games, modified as appropriate jumping, catching and throwing in isolation and in combination</p> <p>Athletics Compare performances to achieve personal</p>	<p>Swimming: proficiency at 25m</p> <p>Cricket Play competitive games, modified as appropriate. Catching and throwing in isolation and in combination</p> <p>Athletics Compare performances to achieve personal bests</p>

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