



Rackenfords C of E (VA) Primary School Curriculum Map: Year 4, 5 and 6 2017/18

Below is our curriculum map for this year. As the terms progress more information will be added about specific teaching activities.

Year 4, 5 and 6	Autumn Term		Spring Term		Summer Term	
	1	2	1	2	1	2
Tracker Topics	The Vikings Forces Living Things		Europe Electricity		Ancient Egypt Light	
English	<p>Writing We will use the book The Tear Thief by Carol Ann Duffy to explore a range of grammatical devices and to discuss what effect the vocabulary and sentence structure has on us. At the end of the teaching sequence, the children will then create a short narrative based on this book. During this teaching sequence, there will be opportunities for writing at greater depth. The children will also engage in explanatory writing using the book How Pirates Really Work by Alan Snow. We will focus on noun referencing for cohesion, multi-clause sentences, and using a range of punctuation to provide clarity for the reader.</p> <p>Spelling We will be using No Nonsense Spelling to aid us in developing our personal strategies that will help us to learn to spell the words from the statutory word lists and look at a range of spelling rules: ure suffix, homophones, possessive apostrophes, ough suffix, able and ible suffixes. Children will be taught the 'Have a go' strategy.</p> <p>Reading</p>	<p>Writing This half term, we will finish our teaching and learning sequence based on How Pirates Really Work then we will look at the book Bethlehem by Carol Ann Duffy. Children will use this book to write a poem based on a special place and special events that happen around Christmas time.</p> <p>Spelling We will continue to use No Nonsense Spelling to develop our personal strategies that will help us to learn to spell the words from the statutory word lists and personal spelling lists. The children will practice the skill of proofreading for errors and look at a range of spelling rules: homophones, cious and tious suffixes, plurals, in and im prefixes.</p> <p>Reading Children will continue to tackle reading test questions and discuss test technique. The children will engage in discussion around the author's intent and use of language. There will be opportunities for children to review books and share recommendations with others.</p>	<p>Writing Children will continue to develop skills across a range of writing styles, developing use of a range of grammar and punctuation for effect. The writing will be modelled by using the Talk For Writing approach to learning.</p> <p>Spelling We will continue to use No Nonsense Spelling to develop our personal strategies that will help us to learn to spell the words from the statutory word lists and personal spelling lists. The children will practice the skill of proofreading for errors and look at a range of spelling rules.</p> <p>Reading Children will continue to tackle reading test questions and discuss test technique. The children will engage in discussion around the author's intent and use of language. 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	During Guided Reading lessons, the children will work independently as well as collaboratively to build upon comprehension skills through a range of genres. We will also be tackling reading tests and discussing test technique. There will be a focus on retrieval and inference questions.					
Maths	<p><u>Place Value</u></p> <p>The children will learn how to identify and represent different numbers using a variety of resources, count forwards and backwards in powers of 10 and round numbers to a required degree of accuracy. The children will then be expected to apply their knowledge to problem solving tasks in order to build up their reasoning and problem solving skills. Opportunities for learning and greater depth will be provided and the children will be encouraged to verbalise their thinking and to prove their thinking with resources and drawings. Children will be tested weekly on multiplication facts.</p>	<p><u>Addition and Subtraction</u></p> <p>This half term the children will learn to develop their mental and written skills in addition and subtraction. They will practice written formal methods and will apply their learning to problem solving and reasoning tasks to develop their understanding. Opportunities for learning and greater depth will be provided and the children will be encouraged to verbalise their thinking and to prove their thinking with resources and drawings. Children will continue to be tested weekly on multiplication facts.</p>	<p><u>Multiplication and division</u></p> <p>Children will learn to develop their mental and written skills in multiplication and division. They will practice written formal methods and will apply their learning to problem solving and reasoning tasks to develop their understanding. Opportunities for learning and greater depth will be provided and the children will be encouraged to verbalise their thinking and to prove their thinking with resources and drawings. The children will engage in a range of problem solving activities in order to develop their fluency with factors, multiples, prime numbers, cubed numbers and square numbers. Children will continue to be tested weekly on multiplication facts.</p>	<p><u>Fractions</u></p> <p>The children will develop their fluency with fractions. Children will understand what a fraction is and be able to identify the numerator and denominator. They will learn to find fractions of amounts and build upon their understanding of adding, subtracting, multiplying and dividing fractions. The children will then be expected to apply their knowledge to reasoning problems. Children will continue to be tested weekly on multiplication facts.</p>	<p><u>Geometric Reasoning</u></p> <p>This half term, the children will use protractors to accurately measure angles and calculate missing angles in triangles, quadrilaterals and other 2D shapes. Children will be expected to confidently identify and name the different types of angles, identify the properties of 2D and 3D shapes, explore area and perimeter, and develop their knowledge of translation, reflection and rotation. Children will continue to be tested weekly on multiplication facts.</p> <p><u>Algebra</u></p> <p>The children will be taught to express missing numbers algebraically, generate formulae for a sequence and use simple formulae expressed in words.</p>	<p><u>Statistics</u></p> <p>Children will interpret data in tables and data in graphs. They will be taught to interpret line graphs and pie charts and use this to problem solve. We will also learn how to calculate and interpret the mean as an average. Children will continue to be tested weekly on multiplication facts.</p>
Science	<p><u>Forces</u></p> <p>During this topic, the children will be taught to explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and falling object; identify the effects of air resistance, water resistance and friction, that act between moving surfaces; and recognise that some mechanisms, including levers, pulleys and gears,</p>	<p><u>Living Things</u></p> <p>During this topic, the children will be taught to describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. The children will also be taught to give reasons for classifying plants and animals based on specific characteristics.</p>	<p><u>Electricity</u></p> <p>During this topic, the children will be taught to construct simple circuits and be able to explain why a circuit will or won't work, using the correct names for a range of electrical components. Children should be able to identify common appliances that run on electricity and recognise some common conductors and insulators.</p>		<p><u>Light</u></p> <p>During this topic, the children will work scientifically to design an investigation in order to answer a question about light. Children will be taught to recognise that light appears to travel in straight lines; use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye; explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes; and use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p>	



	allow a smaller force to have a greater effect.					
ICT	Title Info from Ben Keenan	Title Info from Ben Keenan	Title Info from Ben Keenan	Title Info from Ben Keenan	Title Info from Ben Keenan	Title Info from Ben Keenan
PE	Pro Coaching – Tag Rugby Emphasis on Creative, Social & KU of Health and Fitness. Swimming This term, the children will attend weekly swimming lessons to build up their confidence and competence in the water, which is an important life skill. They will learn, develop and refine the different strokes taught.	Pro Coaching – Netball and Handball Emphasis on Cognitive & Personal & Physical. Swimming This term, the children will attend weekly swimming lessons to build up their confidence and competence in the water, which is an important life skill. They will learn, develop and refine the different strokes taught.	Pro Coaching – Football Emphasis on Personal, Creative & Physical.	Pro Coaching – Tennis Emphasis on KU of Health and Fitness, Cognitive & Social.	Pro Coaching - Cricket Emphasis on KU of Health and Fitness, Physical & Creative.	Pro Coaching – Athletics and preparations for Sports Day Emphasis on Cognitive, Personal & Social.
History	The Vikings Our topic will cover the Viking struggle for the Kingdom of England to the time of Edward the Confessor, including Viking raids and invasion, resistance by Alfred the Great and Athelstan (first king of England) and Edward the Confessor and his death in 1066. The children will have the opportunity to use books and ICT to follow their interests and research an aspect in greater depth.				Ancient Egypt During this term, the children will learn about the significance and importance of one of the earliest civilisations. They will learn about the key figures of Ancient Egypt and the way that they lived. The children will learn about the process of mummification and learn about the Egyptian gods. The children will engage in map work to see where this early civilisation began.	
Geography	The Vikings Our Viking topic will involve map work, learning about the geography of different countries that the Vikings originated from and invaded and will provide the children with a greater understanding of where places in the United Kingdom are in relation to each other.		Europe Our Europe topic will involve map work and the children will learn about the geographical features such as coastlines, rivers and mountains and how they are used by humans. The children will develop their understanding of where European countries are in relation to each other, as well as comparing them to other countries and continents. The children will explore the different climates – reasons for this and implications of this.			
Music	Music Express We will be using a Music Express Scheme which will provide coverage of the 2014 music curriculum. Children will be taught to play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression; improvise and compose music for a range of purposes using the inter-related dimensions of music; and listen with attention to detail and recall sounds with increasing aural memory.		Music Express We will continue to use the Music Express Scheme which will provide coverage of the 2014 music curriculum. Children will be taught to play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression; improvise and compose music for a range of purposes using the inter-related dimensions of music; and listen with attention to detail and recall sounds with increasing aural memory.		Music Express We will continue to use the Music Express Scheme which will provide coverage of the 2014 music curriculum. Children will be taught to play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression; improvise and compose music for a range of purposes using the inter-related dimensions of music; and listen with attention to detail and recall sounds with increasing aural memory.	
French	Holidays and Hobbies In French lessons, the children will be taught to develop their oral, written and listening skills through a focus on seasons, weather, hobbies and holidays. The children will be expected to use full sentences	Family and Friends This half term, the children will continue to develop their oral, written and listening skills. The children will base their conversational and written French around the topics of	School Life This half term, the children will continue to develop their oral, written and listening skills. The children will base their conversational and written French about life at school, including favourite subjects.	Where in the World? This half term, the children will continue to develop their oral, written and listening skills. The children will base their conversational and written French, learning names of	Let's go Shopping! This half term, the children will continue to develop their oral, written and listening skills. The children will base their conversational and written French by learning the names of clothing items, describing	All Around Town This half term, the children will continue to develop their oral, written and listening skills. The children will base their conversational and written French by describing where



	in conversation and be able to write full sentences in French.	pets, describing our houses, family members and friends.		continents, countries and animals.	the positions of shops and being able to ask and answer questions.	we live, our town and counting.
RE	Christianity: Understanding God Info from Cari Bright	Christianity: Creation Info from Cari Bright	Title Info from Cari Bright	Title Info from Cari Bright	Christianity and Islam Info from Cari Bright	
PSHE	BLP – Building Learning Power The 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness will be introduced across the school and whole curriculum. SEAL - New Beginnings This half term, the children will explore the topic of new beginnings, which focuses on expressing and understanding our emotions. This topic will build upon our Building Learning Power discussions and culture across the school.	BLP – Building Learning Power We will continue to learn about the 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness. SEAL - Say No To Bullying and Getting on and Falling Out This half term, the children will learn about bullying. They will learn about the consequences of words and actions which will be explored through a range of different scenarios and role play opportunities. Children will also explore what makes a good friend and how to resolve friendship issues effectively.	BLP – Building Learning Power We will continue to learn about the 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness. SEAL - Going For Goals This topic aims to build up children's awareness of their strengths and weaknesses and encourages them to acknowledge their individual qualities. The children will learn the importance of taking responsibility for their learning and learn about self-efficiency.	BLP – Building Learning Power Continuing to learn about the 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness. SEAL - Good To Be Me The Good To Be Me topic helps children to recognise their feelings and to help children feel positive about themselves, enabling the children to become more competent at managing feelings of anxiety, encouraging them to take risks and to be able to stand up for themselves when needed.	BLP – Building Learning Power We will continue to learn about the 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness. SEAL - Relationships This topic allows the children to understand how to cope with their closest relationships and how to deal with feelings of loss, such as that of a loved one, a friend or a home. The children will develop skills of empathy and managing their own feelings.	BLP – Building Learning Power We will continue to learn about the 4 learning powers of reciprocity, resilience, reflectiveness and resourcefulness. SEAL - Changes This half term, the Changes topic will give children the opportunity to reflect upon types of changes, both positive and negative. This topic aims to help children to develop the skills to be able to deal with change and recognise the reasons behind the ways in which others may respond to change.
Art/DT	Title Info from Cari Bright	Title Info from Cari Bright	Title Info from Cari Bright	Title Info from Cari Bright	Title Info from Cari Bright	Title Info from Cari Bright
Performance opportunities	Harvest Festival The children will participate in our annual Harvest Festival in All Saints Church. They will be encouraged to read aloud clearly and project their voices. Children will share hymns, songs, information about our chosen charity and prayers.	Nativity The whole school nativity will be a chance for the children to understand the Christian significance of the events surrounding the birth of Jesus Christ. The children will share a selection of songs, hymns and prayers with parents and members of the local community to celebrate this important time in the Christian calendar.		Easter Service The whole school Easter service will be a chance for the children to understand the Christian significance of Easter. The children will share a selection of songs, hymns and prayers with parents and members of the local community to celebrate this important time in the Christian calendar.	Sharing Assembly Parents will be invited to our Class 3 sharing assembly where we will share our learning.	End of Year Performance The whole school will contribute to our end of year performance which gives the children the opportunity to perform in front of an audience and celebrate the end of the school year.
Other	European Day of Languages Our class will participate in a day based around the Swedish language and culture, linking in to our Viking topic by learning about a Scandinavian country. British Values The children will vote democratically to elect our class school councillors. We	Christmas Children will explore the significance of Christmas for Christians through a range of discussions and traditions including learning about what Christingles signify. They will hear extracts from the bible and become familiar with the events leading up to Christmas. During this time, we invite parents in to	Shrove Tuesday We will be thinking about the importance of Shrove Tuesday and celebrating this with a pancake day.	Easter Children will explore the significance of Easter for Christians through a range of discussions and traditions including learning about lent. They will hear extracts from the bible and become familiar with the events leading up to and after Easter Sunday. During this time, we invite	Residential Our residential visits are designed for children to build upon their confidence and provide enjoyable mental and physical challenges that the children can feel proud of.	Sports Day Our children will participate in Sports Day events, celebrating personal and team sporting achievements as well as challenging ourselves. We work in our house teams.



Trust Perseverance Respect Friendship Compassion Truthfulness

	will discuss the idea of democracy and link it to British Values.	our school so that we can share our learning.		parents in to our school so that we can share our learning.		
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