

Riverview CofE Primary and Nursery School

Curriculum Overview

Emerald Class – Year 4



English – reading	English – writing	English – grammar	Mathematics	Mathematics	Mathematics
<ul style="list-style-type: none"> Read further exception words use a dictionary to check the meaning of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words and phrases that capture the imagination Secure decoding of unfamiliar words Retrieve and record information Make inferences and justify predictions Recognise a variety of forms of poetry. 	<ul style="list-style-type: none"> Correctly spell common homophones Can spell words with prefixes and suffixes and can add them to root words. Spell words that are often misspelt Use the first two or three letters of a word to check a spelling in a dictionary. Handwriting is legible and consistent Plan writing by discussing and recording ideas can compose sentences using a range of sentence structures. Organise paragraphs around a theme Proof-read for spelling and punctuation errors. Evaluate own and others' writing. Read own writing aloud, using appropriate intonation so the meaning is clear. 	<ul style="list-style-type: none"> Use noun phrases which are expanded by adding modifying adjectives, nouns and preposition phrases. Use fronted adverbials Use inverted commas and other punctuation to indicate direct speech. Use apostrophes to mark plural possession. Use commas after fronted adverbials. using the present perfect form of verbs choosing nouns or pronouns to avoid repetition using conjunctions, adverbs and 	<p>Number - place value</p> <ul style="list-style-type: none"> Know all tables to 12x12. Count in multiples of 6, 7, 9, 25 and 1,000 Secure place value to 1000 Recognise and use factor pairs and commutativity in mental calculations. Round numbers to the nearest 10, 100, 1000 Use roman numerals to 100. <p>Number – calculation</p> <ul style="list-style-type: none"> Column addition and subtraction to 4 digits Estimate and use inverse operations. Multiply and divide mentally. Use short multiplication. 	<p>Number – fractions, decimals and percentages</p> <ul style="list-style-type: none"> recognise tenths and hundredths identify re-equivalent fractions add and subtract fractions with common denominators. Recognise common equivalents Round numbers with one decimal place to whole numbers recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$ solve simple measure and money problems involving fractions and decimals to 2 decimal places. 	<p>Measurement – perimeter, area and volume</p> <ul style="list-style-type: none"> Compare 2D shapes, including quadrilaterals and triangles. Find area by counting squares Calculate perimeters Estimate and calculate measures <p>Geometry – properties of shape</p> <ul style="list-style-type: none"> Identify acute, obtuse, and right angles Identify symmetry in 2D shapes <p>Geometry – position and direction</p> <ul style="list-style-type: none"> Use first quadrant co-ordinates Introduce simple translations describe movements between positions as translations of a given unit to the left/right and up/down Use bar charts, pictograms, and line graphs.

<ul style="list-style-type: none"> Identify and summarise ideas. Gain, maintain, and monitor the interest of the listeners 		prepositions to express time and cause			<ul style="list-style-type: none"> interpret and present discrete and continuous data using appropriate graphical methods
<p style="text-align: center;">PSHE</p> <ul style="list-style-type: none"> Healthy Lifestyles Mental Health Ourselves, Growing and Changing Keeping Safe Drugs, Tobacco and Alcohol Families and Close Positive Relationships Managing Hurtful Behaviour and Bullying Safe Relationships Respecting Self and Others Communities Economic Wellbeing 	<p style="text-align: center;">Geography</p> <ul style="list-style-type: none"> Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics. Describe and understand climate zones. Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied Use the 8 points of a compass, 4 and 6-figure grid references, symbols and key to build their knowledge of the United Kingdom and the wider world Map how land use has changed in local area over time. 	<p style="text-align: center;">Art, Design & Technology</p> <ul style="list-style-type: none"> Create sketch books to record observations and use them to review and revisit ideas Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials Learn about great artists, architects and designers in history. Use research criteria to develop products which are fit for purpose and value existing products. Use mechanical systems in own work. 	<p style="text-align: center;">Science</p> <ul style="list-style-type: none"> recognise that living things can be grouped in a variety of ways recognise that environments can change and that this can sometimes pose dangers to living things. describe the simple functions of the digestive system identify the different types of teeth in humans and their functions construct and interpret a variety of food chains, identifying producers, predators and prey. compare and group materials together, according to whether they are solids, liquids or gases recognise that vibrations from sounds travel through a medium to the ear identify common appliances that run on electricity construct a simple series electrical circuit 	<p style="text-align: center;">Music</p> <ul style="list-style-type: none"> Understand how mouth shapes can affect voice sounds. Identify melodic phrases. Recognise how music can reflect different intentions. Explore different types of accompaniment. Create an accompaniment to a known song. 	

Computing	Religious Education	Physical Education	History	Modern Languages
<ul style="list-style-type: none"> • Computers, Internet and Networks • Programming/Coding • Multimedia • Handling Data • Online Safety <ul style="list-style-type: none"> - <i>managing online information</i> - <i>privacy and security</i> - <i>copyright and ownership</i> - <i>online relationships</i> - <i>online reputation</i> - <i>Self-image and identity</i> 	<ul style="list-style-type: none"> • Why do Christians Worship Jesus? • Why do Christians Pray the Lord's Prayer • How Can Artists Help Us to Understand Christmas? • What are the Pillars of Islam? • How can a Mosque Help Us to Understand the Muslim Faith? • Easter: How does Lent help Christians prepare for Easter? • What is Wisdom? • How have Christians Changed the World? • Is Christian Worship the Same Everywhere? 	<ul style="list-style-type: none"> • use running, jumping, throwing and catching in isolation and in combination • play competitive games, using attacking and defense skills. • develop flexibility, strength, technique, control and balance • perform dances using a range of movement patterns • compare performances with previous ones 	<ul style="list-style-type: none"> • The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor • A local history study • Understand how our knowledge of the past is constructed from a range of sources. • Historical enquiry • Historical interpretation • Chronological understanding • Knowledge and understanding of past events, people and changes in the past 	<ul style="list-style-type: none"> • Listen attentively to spoken language • Explore the patterns and sounds of language • Speak in sentences; ask and answer questions; express opinions and respond to those of others • Use familiar vocabulary • Develop pronunciation