



Claughton St Mary's Catholic Primary School - Year 3 National Curriculum Subject Programmes of Study

<p style="text-align: center;">Mathematics</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> ✓ Learn 3, 4 & 8x tables ✓ Secure place value to 100 ✓ Mentally add & subtract units, tens or hundreds to numbers of up to digits ✓ Written column addition & subtraction ✓ Solve number problems, including multiplication & simple division and missing number problems <p>Geometry & Measures</p> <ul style="list-style-type: none"> ✓ Measure & calculate with metric measures ✓ Measure simple perimeter ✓ Add/subtract using money in context ✓ Use Roman numerals up to XII; tell time ✓ Calculate using simple time problems ✓ Draw 2-d / Make 3-d shapes ✓ Identify and use right angles ✓ Identify horizontal, vertical, perpendicular and parallel lines <p>Fractions & decimals</p> <ul style="list-style-type: none"> ✓ Use & count in tenths ✓ Recognise, find & write fractions ✓ Recognise some equivalent fractions ✓ Add/subtract fractions up to <1 ✓ Order fractions with common denominator <p>Statistics</p> <ul style="list-style-type: none"> ✓ Interpret bar charts, pictograms and table 	<p style="text-align: center;">English</p> <p>Reading</p> <ul style="list-style-type: none"> ✓ Use knowledge to read 'exception' words ✓ Read range of fiction & non-fiction ✓ Use dictionaries to check meaning ✓ Prepare poems & plays to perform ✓ Check own understanding of reading ✓ Draw inferences & make predictions ✓ Retrieve & record information from non-fiction books ✓ Discuss reading with others <p>Writing</p> <ul style="list-style-type: none"> ✓ Use prefixes & suffixes in spelling ✓ Use dictionary to confirm spellings ✓ Write simple dictated sentences ✓ Use handwriting joins appropriately ✓ Plan to write based on familiar forms ✓ Rehearse sentences orally for writing ✓ Use varied rich vocabulary ✓ Create simple settings & plot ✓ Assess effectiveness of own and others' writing ✓ Read own writing to peers or teachers <p>Grammar</p> <ul style="list-style-type: none"> ✓ Use range of conjunctions ✓ Use perfect tense ✓ Use range of nouns & pronouns ✓ Use time connectives ✓ Introduce speech punctuation ✓ Know language of clauses 	<p style="text-align: center;">Religious Education</p> <p style="text-align: center;">Continue to follow Diocesan locally- agreed syllabus for RE</p>
		<p style="text-align: center;">Computing</p> <ul style="list-style-type: none"> ✓ Design & write programs to achieve specific goals, including solving problems ✓ Use logical reasoning ✓ Understand computer networks ✓ Use internet safely and appropriately ✓ Collect and present data appropriately
		<p style="text-align: center;">History</p> <p style="text-align: center;">British History</p> <p>Stone Age to Iron Age Britain, including:</p> <ul style="list-style-type: none"> - hunter-gatherers and early farmers - Bronze age religion, technology & travel - Iron age hill forts
		<p style="text-align: center;">Broader History Study</p> <p>A local history study, e.g.</p> <ul style="list-style-type: none"> - A depth study linked to a studied period - A study over a period of time - A post-1066 study of a relevant period in local history
<p style="text-align: center;">Music</p> <ul style="list-style-type: none"> ✓ Use voice & instruments with increasing accuracy, control and expression ✓ Improvise & compose music ✓ Listen with attention to detail ✓ Appreciate wide range of live & recorded music ✓ Begin to develop understanding of history 	<p style="text-align: center;">Design & Technology</p> <ul style="list-style-type: none"> ✓ Use research & criteria to develop products which are fit for purpose ✓ Use annotated sketches and prototypes to explain ideas ✓ Evaluate existing products and improve own work ✓ Use mechanical systems in own work ✓ Understand seasonality; prepare & cook mainly savoury dishes 	<p style="text-align: center;">Modern Languages</p> <p style="text-align: center;">French</p> <ul style="list-style-type: none"> ✓ 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 style="text-align: center;">Physical Education</p> <ul style="list-style-type: none"> ✓ Use running, jumping, catching and throwing in isolation and in combination ✓ Play competitive games, modified as appropriate ✓ Develop flexibility & control in gym, dance & athletics ✓ Compare performances to achieve personal bests <li style="padding-left: 20px;"><i>Swimming proficiency at 25m</i> 	<p style="text-align: center;">Art & Design</p> <ul style="list-style-type: none"> ✓ Use sketchbooks to collect, record and evaluate ideas ✓ Improve mastery of techniques such as drawing, painting and sculpture with varied materials ✓ Learn about great artists, architects & designers 	<p style="text-align: center;">Science</p> <p>Biology</p> <ul style="list-style-type: none"> ✓ Classify living things ✓ Digestive system & teeth ✓ Food chains <p>Chemistry</p> <ul style="list-style-type: none"> ✓ Changes of state ✓ The water cycle <p>Physics</p> <ul style="list-style-type: none"> ✓ Sound as vibrations ✓ Electricity: simple circuits & conductors
		<p style="text-align: center;">Geography</p> <ul style="list-style-type: none"> ✓ Locate world's countries, focusing on Europe & Americas focus on key physical & human features ✓ Study a region of the UK (not local area) ✓ Use 8 points of compass, symbols & keys ✓ Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc. ✓ Use fieldwork to observe, measure & record