

Dear Year 6 Parents/Carers,

Below you will find our curriculum map annotated with suggestions of how you can support your child at home this year. Although this is an **abridged version**, the curriculum map offers an insight into the broad and rich curriculum offered at Our Lady of Lourdes. It offers an insight into the opportunities available to your child and enables you to be an active participant in their learning journey throughout the year.

General Information for Year 6:	
Uniform	Please ensure you refer to the Uniform Policy regarding our school uniform and PE kit on the following link: https://www.ourladyoflourdesrcprimary.org/page/?title=Uniform&pid=67
PE	Both classes will have weekly outdoor and indoor lessons and PE kits must be in school every Monday. All PE kits must be labelled with your child's names. The pupils are permitted to wear trainers for outdoor PE.
Homework	Home learning is issued on a Friday to be returned on a Wednesday . Homework club takes place every Monday and Tuesday lunchtimes, where the teachers provide support and clarification for the pupils who independently attend. This is a voluntary session. Laptops will be available for those children who require them to complete activities that have been set online. ➤ Tasks will be based on our current English and maths topics of study. At times there may be additional tasks linked to history, geography or science.
	<p>Reading</p> <ol style="list-style-type: none"> Children are expected to read daily and bring in their signed reading journal every Monday. Independently, your child must record in their reading journal a range of different reading skills they have used across the week. The children must record from Monday - Friday, which will need to be signed by a guardian once a week. Reading comprehension. <p><i>How to help your child:</i></p> <ul style="list-style-type: none"> ➤ We ask that you make sure your child reads daily, even if they are happy to read alone, we recommend you still hear them read once a week, so you can talk to them about what they have been reading. The quality of the text is key to develop their oracy, as well as their written skills. ➤ Encourage your child to use 'evidence' from the text to 'prove and justify' their view point. <p>Recommended Reading List – Year 6 https://www.booksfortopics.com/booklists/recommended-reads/year-6/</p>
	<p>Spelling and Grammar</p> <ol style="list-style-type: none"> SPaG activities – grammar and punctuation activities. Spelling rules, patterns and tasks will be sent home as part of the weekly homework for your child to practise and/or investigate. Practise spelling key words for Upper KS2 (see link below), common exception words and investigate spelling patterns using: https://spellingframe.co.uk/spelling-rule/5/Year-5-and-6 <ul style="list-style-type: none"> ➤ Please find the spelling word list for Year 5 and Year 6 on the following link: https://cdn.oxfordowl.co.uk/2019/08/29/13/56/09/5a42eb6a-f57f-4dc4-a66e-bd4c5e27e4b7/SpellingWordList_Y5-6.pdf .
	<p>Maths</p> <ol style="list-style-type: none"> Practise rapid recall of times tables and inverse division facts, as without regular practise of these, the children's recall reduces and this impacts their pace, accuracy and confidence. 'Times Tables Rock Stars' is another online homework resource to help your child practise their times tables for speed and accuracy. https://trockstars.com/ There will be a focus on arithmetic style questions for homework to secure mental maths skills.

Curriculum map and ways to support your child's learning beyond the classroom - Year 6			
Subject	Autumn	Spring	Summer
English Writing	<p>The development of the pupils' writing is supported by exploring books written by significant children's authors and linking to areas of cross-curricular study. Fiction, non-fiction and poetry texts are studied throughout the year.</p> <p>Pupils will produce extended writing pieces across a variety of genres, including report writing, diary entries, persuasive letters and narratives. The purpose of the text is explored, along with the intended audience, and these are replicated within their writing.</p>	<p>Pupils will continue to develop their English skills through planning, drafting and editing extended pieces.</p> <p>Continuing to study a range of texts, will help the pupils to securely use vocabulary and the written devices and structures needed for formal language.</p> <p>Cohesion within their writing, both within paragraphs and between paragraphs, remains a key focus.</p>	<p>Classic and modern texts are chosen to ensure the pupils are further exposed to formal styles of writing.</p> <p>The process of reviewing work, identify areas for improvement and editing writing accordingly is continued. Pupils assess the effectiveness of their writing.</p> <p>Both formal and informal writing is examined, including reports, information texts and speeches.</p>
	<p>The teaching of Vocabulary, Grammar, Punctuation and Spelling (SPaG) is taught across all areas of the curriculum in addition to reading and writing.</p> <p>We will be studying different word classes and teaching the children the different properties of them: nouns, determiners, verbs, adjectives, adverbs, conjunctions and prepositions.</p> <p>A glossary of terms and examples can be found here: The national curriculum in England - Glossary</p>		
Reading	<p>Reading is taught throughout the year across a range of carefully selected non-fiction texts, novels and poetry.</p> <p>Reading skills are further developed in Upper Key Stage 2 and include predicting, clarifying, summarising, questioning, inference, explanations, debating and justifying viewpoints.</p>		
English Curriculum	<p>Writing, Reading and SPaG National Curriculum - Year 6</p> <p>To view the National Curriculum Year 6 English programme of study visit the following website:</p> <p>https://www.gov.uk/government/publications/national-curriculum-in-england-english-programmes-of-study/national-curriculum-in-england-english-programmes-of-study#years-5-and-6-programme-of-study</p>		
Ways to support your child at home	<p>Please ensure your child reads daily at home and you continue to sign their reading journal every week, as teachers will monitor this. Independently, your child must record in their reading journal a range of different reading skills they have used over the week.</p> <p>Listen to your child read regularly and discuss the text with them. This discussion, based on what they have read, is beneficial as it allows an opportunity for your child to further develop their analysis of the central characters and plot development, alongside developing their general comprehension skills. The quality of the text your child reads is also extremely important in developing their writing skills, as it exposes them to a wider variety of vocabulary and allows them to explore writer's techniques, such as cohesion, implied emotion and organisational devices i.e. subheadings.</p> <p>It would be helpful for your child to read a newspaper regularly, there are editions aimed specifically at children. We subscribe to First News, an age-appropriate newspaper, and regularly set comprehension homework using this resource. Please discuss some of the articles with your child, as they provide an insight into the world around us including, science, technology, innovations and current events.</p>		

	<p>Within SPaG, spelling rules and patterns will be explored and spellings linked to the rules will be sent home weekly. Please ensure that your child practises these spellings throughout the week.</p> <p>There are a range of SPAG resources online that can explain concepts in a fun and interactive way. BBC Bitesize also has a range of videos and interactive quizzes for all KS2 objectives. https://www.bbc.co.uk/bitesize/topics/zwwp8mn</p>		
	<p>Recommended Reading List – Year 6</p> <p>This list is a mix of classic and contemporary titles, designed to provide children with a diverse range of literature that will encourage them to become lifelong readers. https://www.booksfortopics.com/booklists/recommended-reads/year-6/</p>		
Maths	<p>Develop fluency of place value up to 10,000,000 and solve multi-step problems accurately and efficiently.</p> <p>Use formal written and mental methods for the four number operations.</p> <p>Add, subtract, multiply and divide fractions.</p> <p>Convert between different units of metric measure using decimal notation.</p>	<p>Use formal methods to solve multi-step problems.</p> <p>Classify shapes with increasing geometric complexity.</p> <p>Develop connections between multiplication and division, fractions, decimals, percentages and ratio.</p>	<p>Use simple formulae and find pairs of values.</p> <p>Convert between different units of measure.</p> <p>Reason mathematically, problem solve and follow key mathematical processes to solve a range of complex calculations.</p>
Ways to support your child at home	<p>If your child does not have fast recall of their times tables and division facts, they should regularly practise these to aid their speed and accuracy in mental and formal calculations using the Times Table Rock Stars programme.</p> <p>As the year progresses, your child is encouraged to begin to independently revise any areas of mathematics that they need to improve. These areas of development are identified with the help of your child’s teacher within the lessons and through assessments.</p> <p>Discuss percentage signs in supermarkets and advertising, relate percentages to decimals and how to mentally calculate percentages of amounts using 10%, 20% 25% or 50%.</p> <p>When cooking or measuring, find approximate equivalences between metric units and common imperial units such as inches, pounds and pints. <i>How many millilitres are in one pint? How many centimetres make an inch? How many grams are in one pound?</i></p> <p>When discussing distance, support your child converting between miles and kilometres. <i>Together, can you change a recipe according to scale i.e. change a recipe for 4 people into a recipe for 6?</i></p> <p>When measuring, convert measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places.</p>		
Mathematics Curriculum	<p>Mathematics National Curriculum - Year 6</p> <p>Year 6 - End of Year Expectations:</p>		
Year 6 Programme of Study	<p>Number - number and place value</p> <ul style="list-style-type: none"> • read, write, order and compare numbers up to 10,000,000 and determine the value of each digit • round any whole number to a required degree of accuracy • use negative numbers in context, and calculate intervals across 0 • solve number and practical problems that involve all of the above <p>Number - addition, subtraction, multiplication and division</p>		

- multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
- divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
- divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
- perform mental calculations, including with mixed operations and large numbers
- identify common factors, common multiples and prime numbers
- use their knowledge of the order of operations to carry out calculations involving the 4 operations
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- solve problems involving addition, subtraction, multiplication and division
- use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

Number - Fractions (including decimals and percentages)

- use common factors to simplify fractions; use common multiples to express fractions in the same denomination
- compare and order fractions, including fractions >1
- add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]
- divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]
- associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $\frac{3}{8}$]
- identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places
- multiply one-digit numbers with up to 2 decimal places by whole numbers
- use written division methods in cases where the answer has up to 2 decimal places
- solve problems which require answers to be rounded to specified degrees of accuracy
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Ratio and proportion

- solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts
- solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison
- solve problems involving similar shapes where the scale factor is known or can be found
- solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Algebra

- use simple formulae
- generate and describe linear number sequences
- express missing number problems algebraically
- find pairs of numbers that satisfy an equation with 2 unknowns
- enumerate possibilities of combinations of 2 variables

Measurement

- solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate
- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places

	<ul style="list-style-type: none"> • convert between miles and kilometres • recognise that shapes with the same areas can have different perimeters and vice versa • recognise when it is possible to use formulae for area and volume of shapes • calculate the area of parallelograms and triangles • calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³] <p>Geometry - properties of shapes</p> <ul style="list-style-type: none"> • draw 2-D shapes using given dimensions and angles • recognise, describe and build simple 3-D shapes, including making nets • compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons • illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius • recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles <p>Geometry - position and direction</p> <ul style="list-style-type: none"> • describe positions on the full coordinate grid (all 4 quadrants) • draw and translate simple shapes on the coordinate plane, and reflect them in the axes <p>Statistics</p> <ul style="list-style-type: none"> • interpret and construct pie charts and line graphs and use these to solve problems • calculate and interpret the mean as an average 						
RE	<p>Creation and Covenant</p> <p>Prophecy and Promise</p>		<p>Galilee to Jerusalem</p> <p>Desert to Garden</p> <p><i>Our Lady of Lourdes Feast Day</i></p>		<p>To the ends of the Earth</p> <p>Dialogue and Encounter</p> <p>JOURNEY IN LOVE - The wonder of God's love in creating new life. Changing Adolescent Body.</p>		
<p>Ways to support your child at home</p>	<p>Please see the separate R.E. topic letter on the school website for key dates and how to support your child/children at home.</p> <p>Visit the CAFOD and UNICEF website to discuss what these charities do, their impact and importance in the world around us. https://cafod.org.uk/</p>						
<p>Science</p>	<p>Autumn</p> <p>Light</p>		<p>Electricity</p>	<p>Spring</p> <p>Animals Including Humans – Circulatory System</p>		<p>Summer</p> <p>Classifying Organisms</p> <p>Evolution and inheritance</p> <p>Environmental Science – Extinction</p>	
<p>Ways to support your child at home</p>	<p>There are many educational websites you can use to help your child develop their scientific understanding.</p> <p>BBC clips are widely available and offer a comprehensive explanation of KS2 key concepts.</p>		<p>Talk with your child about a healthy balanced diet and discuss food choices. Encourage them to help prepare healthy meals.</p> <p>https://www.bbc.co.uk/bitesize/topics/zcyycdm/articles/zk784xs#zymccmn</p>		<p>Discuss and research how animals and plants are adapted to suit different environments. BBC Bitesize provide educational clips that are available online.</p> <p>https://www.bbc.co.uk/bitesize/subjects/z2pfb9q</p>		

	https://www.bbc.co.uk/bitesize/topics/z3nbn9q/articles/zrs62v4#z2kssk7				We also recommend watching the David Attenborough documentaries. There are also exhibitions at the Science Museum and Natural History Museum that would be of interest to the children.	
Science Curriculum	Science National Curriculum - Year 6 To view the National Curriculum Year 6 Science programme of study visit the following website: https://www.gov.uk/government/publications/national-curriculum-in-england-science-programmes-of-study/national-curriculum-in-england-science-programmes-of-study#year-6-programme-of-study					
Geography & History	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Geography Time Zones	Geography Volcanoes, Earthquakes and Tsunamis	Geography Climate and Biome Zones		Geography Global Trade
Ways to support your child at home	History WW1 and Battle of Britain				History Viking and Anglo-Saxons	
	Discuss the reasons why WW1 began and life during war times. If you have any family history about either wars, please share this with your children. This really helps them empathise and understand how the wars have shaped Modern Britain. The library also offers an opportunity for your child to further their knowledge, understanding and historical skills. Using a world map, recap the lines of latitude and discuss locations around the world that have a different time zone to the UK.		Research and identify where any natural disasters have taken place in the world and their impact. Using atlases and maps, explore the Ring of Fire and research several current eruptions and live activity.		Investigate Alfred the Great using online resources or your local library. Research the style of boat the Vikings used and their armour. Research towns that were impacted by the arrival of Vikings in Britain. The British Museum has an exhibition that relates to our topic. Using a world map in conjunction with the internet, find out the food miles for their favourite fruit or vegetable.	
Computing	Autumn		Spring		Summer	
	Online Safety and Etiquette Databases, Search Results and Networks Block Coding	Online Safety and Etiquette Networks and Databases Block Coding	Online Safety and Etiquette <i>Safer Internet Day</i> Digital Animation	Online Safety and Etiquette Python Programming	Online Safety and Etiquette Python Programming	Online Safety and Etiquette Advanced Databases
PE	Autumn		Spring		Summer	
	Outdoor Activities/Sports Gymnastics	Hockey Gymnastics	Netball Circuit Fitness	Volleyball Circuit Fitness	Athletics Dance	Striking and Fielding Dance

**End of
Primary
School**

As the end of the year approaches, we understand some of the worries the children face in transferring to secondary school and therefore we provide a number of activities to help reassure them. This includes visits from a range of secondary schools, speakers from public travel (TfL) and drama work on the social aspects of moving to a new school.

As always, if there is anything you are unsure of or would like to clarify, please speak to your child's class teacher.

