



Curriculum Subject: Maths

Subject Leader: Max Jones

Curriculum Overview and Statement of Intent, Implementation and Impact.

	<p><b>Vision</b></p> <p>'We aspire to ensure that our inclusive, welcoming and loving church school gives children and adults the opportunity to reach their full potential, so that through God's love they can make a difference to the world around them.'</p>	<p><b>Values</b></p> <p>Compassion Courage Community</p>
<p><b>Motto</b></p> <p>Learning to make a difference through God's love. <i>Jesus said, 'Love one another as I have loved you' John 13:34</i></p>		
<p><b>Mission</b></p> <ul style="list-style-type: none"> <li>• Ensure that children are safe and demonstrate compassion for others.</li> <li>• The school and its community work together to promote mental health and wellbeing and ensure that everyone feels respected.</li> <li>• Unify the school family enabling it to flourish through collective worship, inclusive extra curricular provision and a broad, balanced curriculum.</li> <li>• Encourage inclusively high expectations enabling children to personally and academically thrive.</li> <li>• Deliver an inspirational, creative curriculum to meet the needs of our aspirational children.</li> <li>• Ensure that children and adults acquire and apply knowledge that gives them the courage to fulfil their aspirations.</li> <li>• Create an environment that builds confidence for the school family to grow resilience.</li> <li>• Enable children to persevere on a journey of social, moral, cultural and spiritual growth.</li> </ul>		



Intent	Implementation	Impact
<ul style="list-style-type: none"> <li>• Offer an enjoyable, contextual and challenging maths curriculum</li> <li>• Comply with the varied expectations as set out in the National Curriculum.</li> <li>• Make explicit links to how maths will help children to flourish in their later life.</li> <li>• Ignite a love of learning, a curiosity around maths and grow independent learners.</li> <li>• Foster confidence in childrens' maths, celebrate success and highlight new challenges and next steps.</li> <li>• Help children to reach their full potential.</li> </ul>	<ul style="list-style-type: none"> <li>• Quality first teaching, developed through regular CPD.</li> <li>• Block Teaching Approach: designed to allow children more time to embed depth of learning.</li> <li>• Cross Curricular Learning - developing numeracy skills in all aspects of the curriculum.</li> <li>• Adaptable curriculum designed to meet the needs of all learners.</li> <li>• Explicit use of manipulative resources to support physical learning.</li> <li>• Focus on the use of rich mathematical vocabulary.</li> <li>• Clear progression across the key stage through development of key skills.</li> <li>• Reviewing of long, medium and short-term planning.</li> <li>• Regular moderation within school, through other cluster schools, teaching &amp; learning specialists and local authority.</li> </ul>	<p>At Newport Junior School, we are confident that by implementing our mathematics intent correctly we will develop confident and resilient learners who are ready for wider world. We hope the have several important key impacts on the children:</p> <ul style="list-style-type: none"> <li>• Improved confidence within the subject of mathematics.</li> <li>• An intrinsic love and enjoyment of maths.</li> <li>• Developing a curiosity around patterns and exploration of rules.</li> <li>• An ability to make links and connections between key areas of maths.</li> <li>• The confidence to explore and test ideas and summarise these findings through generalisations and conjectures.</li> <li>• Secure and fluent recall of arithmetic skills.</li> <li>• Ability to problem solve, drawing on a range of mathematical understanding.</li> <li>• Reason mathematically about their findings, offer statements of proof to justify.</li> <li>• An understanding of how maths is relevant to their future life and the need to be a capable mathematician for their future success in life.</li> </ul> <p>We will use a number of tools to measure the impact of maths at NJS:</p> <ul style="list-style-type: none"> <li>• Internal school data via 3 data drops.</li> <li>• Pupil Voice conducted by SLT.</li> <li>• Inspection dashboard data.</li> <li>• Progress records backtracking to KS1.</li> <li>• Formative assessment using the professional judgement on class teachers.</li> <li>• Book monitoring to view a day to day picture of maths within the classroom.</li> </ul>

## Year 3 Maths curriculum coverage

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16
Autumn	Number: Place Value			Number: Addition and Subtraction					Number: Multiplication and Division			Assess & Review	Number - Multiplication and division		Revisit 4 operations - consolidation	
Spring	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions						
Summer	Number: Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity							

### Year 4 Maths curriculum coverage

Autumn	Number and place value	Number and Place Value	Number and place value	Rounding	Roman Numerals and Addition	Addition and Subtraction	Addition and Subtraction	Efficient Strategies
	Multiplying and Dividing	Multiplying and Dividing	Multiplication and division	Measure	Measure	Christmas Maths	Christmas maths	
Spring	Area perimeter	Fractions	Fractions	Raising aspirations maths- money	Fractions	Decimals		
	Decimals	Decimals	Decimals	Assessments	Revision of operations arising from assessments	Revision of operations arising from assessments		
Summer	Decimals	Money	Money	Time	Time			
	Position direction	Assessment skills	Assessments		Topical maths	Topical maths		

## Year 5 Maths curriculum coverage

Autumn	Place value	Place value	Place value	Addition and subtraction	Addition and subtraction	Addition and subtraction	Multiplication division	Multiplication division
	Multiplication division	Multiplication division	Statistics (road safety)	Statistics	Test based skills	Assessments	Christmas maths	
Spring	Area perimeter	Area perimeter	Money	Fractions	Fractions	Fractions		
	Fractions	Fractions	Arthog	Fractions	Assessments	Percentage decimals		
Summer	Percentage decimals	Percentage decimals	Percentage decimals	Angles	Angles			
	Shape Link with computing (sketch up)	Geometry	Geometry	Convert units	Recap week	Assessments		

## Year 6 Maths curriculum coverage

Autumn	Place value	Place value	Addition and Subtraction	Addition and Subtraction	Multiplication division	Multiplication division	Multiplication division	Consolidation
	Fractions	Fractions	Fractions	Assessment & Review	Assessment & Review	Fractions	Christmas maths	
Spring	Review of four operations	Review of four operations	Fractions	Fractions	Fractions	Fractions, Decimals & Percentages.		
	Decimals & Percentages	Decimals & Percentages	Geometry – Properties of Shape	Geometry – Position & Direction	Measure	Measure		
Summer	Measure	Geometry - Angles	Ratio & Algebra	Statistics	Consolidation of misconceptions.			
	Revision of arithmetic	Revision of reasoning	Assessment Week	Investigations	Investigations	Practical Maths	Practical Maths	