

Trinity Partnership Year 3 and 4 Maths Medium-Term Overview

This planning is based on The White Rose Scheme of Learning. The links to the short-term planning documents are shown in each block in the table below.

The National Curriculum objectives have been broken down into smaller steps in order to allow progression in achieving each objective.

Some terms may have more or less weeks so the planning will need to be adapted accordingly. Your class may have different needs and you may feel that an extra week is needed on a particular unit or not as many weeks are needed on another.

Please remember that there are a range of other resources available to support the teaching alongside the White rose documents. This will ensure a richer curriculum and provide more depth and fluency. A collection of useful resources can be found in the 'Maths Planning Resources' on the One Drive.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	https://assets.whiterosemaths.com/fixe/wrm/2020/07/Year-3-and-4-Mixed-Age-Autumn-Block-1-Place-Value.pdf <u>Year 3/Year 4/Both</u> <u>Counting</u> <ul style="list-style-type: none"> • Hundreds • Count in 50s • Count in 1,000s • Count in 25s <u>Representing numbers</u> <ul style="list-style-type: none"> • Represent numbers to 1,000 • 100s, 10s and 1s • Number line to 1,000 • 1,000s, 100s, 10s an 1s • Partitioning • Number line to 10,000 <u>Find more or less</u> <ul style="list-style-type: none"> • Find 1, 10 or 100 more or less than a given number • 1,000 more or less <u>Compare and Order</u> <ul style="list-style-type: none"> • Compare objects to 1,000 • Compare numbers to 1,000 • Order numbers • Compare numbers • Order numbers <u>Roman Numerals</u> <ul style="list-style-type: none"> • Roman Numerals to 100 <u>Rounding</u> <ul style="list-style-type: none"> • Round to the nearest 10 • Round to the nearest 100 • Round to the nearest 1,000 <u>Negative Numbers</u> <ul style="list-style-type: none"> • Negative numbers 				https://assets.whiterosemaths.com/fixe/wrm/2020/06/Year-3-and-4-Mixed-Age-Autumn-Block-2-Addition-and-Subtraction.pdf <u>Year 3/Year 4/Both</u> <u>Add and subtract multiples</u> <ul style="list-style-type: none"> • Add and subtract multiples of 100. • 3-digit and 1-digit numbers • 3-digit and 2-digit numbers • Add and subtract 100s • Spot the pattern • Add and subtract 1s, 10s, 100s and 1,000s <u>Addition – adding more</u> <ul style="list-style-type: none"> • Add 3-digit and 1-digit – crossing 10 • Add 2-digit and 3-digit – not crossing 10/100 • Add 3-digit and 2-digit – crossing 100 • Adding 3-digit numbers – not crossing 10/100 • Adding 3-digit numbers – crossing 10/10 • Add two 4-digit numbers – no exchange • Add two 4-digit numbers – with exchange • Add two 4-digit numbers – more than one exchange 				https://assets.whiterosemaths.com/fixe/wrm/2020/06/Year-3-and-4-Mixed-Age-Autumn-Block-3-Multiplication-and-Division.pdf <u>Year 3/Year 4/Both</u> <u>Times-tables</u> <ul style="list-style-type: none"> • Multiply by 3 • Divide by 3 • 3 times-table • Multiply by 4 • Divide by 4 • 4 times-table • Multiply by 8 • Divide by 8 • 8 times-table • Multiply and divide by 6 • 6 times-table and divisions facts • Multiply and divide by 9 • 9 times table and division facts • Multiply and divide by 7 • 7 times table and division facts • 11 and 12 times-tables. <u>Comparing and Applying</u> <ul style="list-style-type: none"> • Comparing statements • Related calculations • Multiply 3 numbers • Efficient Multiplication <u>Equal Groups</u> <ul style="list-style-type: none"> • Multiplication as equal groups <u>Multiplying and diving by 10, 100 and 1,000</u> <ul style="list-style-type: none"> • Multiply by 10 and 100 • Divide by 10 and 100 • Multiply by 1 and 0 • Divide by 1 <u>Factors</u> <ul style="list-style-type: none"> • Factor pairs 			

Trinity Partnership Year 3 and 4 Maths Medium-Term Overview

This planning is based on The White Rose Scheme of Learning. The links to the short-term planning documents are shown in each block in the table below.

The National Curriculum objectives have been broken down into smaller steps in order to allow progression in achieving each objective.

Some terms may have more or less weeks so the planning will need to be adapted accordingly. Your class may have different needs and you may feel that an extra week is needed on a particular unit or not as many weeks are needed on another.

Please remember that there are a range of other resources available to support the teaching alongside the White rose documents. This will ensure a richer curriculum and provide more depth and fluency. A collection of useful resources can be found in the 'Maths Planning Resources' on the One Drive.

Spring	<p>https://assets.whiterosemaths.com/fixed/wrm/2019/10/Year-3-and-4-Mixed-Age-Spring-Block-1-Multiplication-and-Division.pdf</p> <p><u>Year 3/Year 4/Both</u> <u>Multiplication</u></p> <ul style="list-style-type: none"> • Multiply 2-digits by 1-digit Written methods • Multiply 2-digits by 1-digit • Multiply 3-digits by 1-digit <p><u>Division</u></p> <ul style="list-style-type: none"> • Divide 2-digits by 1-digit • Divide 3-digits by 1-digit <p><u>Correspondence</u></p> <ul style="list-style-type: none"> • How many ways? • Correspondence problems <p><u>Scaling</u></p> <ul style="list-style-type: none"> • Scaling 	<p>https://assets.whiterosemaths.com/fixed/wrm/2019/10/Year-3-and-4-Mixed-Age-Spring-Block-2-Length-Perimeter-and-Area.pdf</p> <p><u>Year 3/Year 4/Both</u> <u>Equivalent Lengths</u></p> <ul style="list-style-type: none"> • Equivalent lengths- m & cm • Equivalent lengths – mm & cm • Compare lengths • Kilometres <p><u>Perimeter</u></p> <ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes <p><u>Measure Length</u></p> <ul style="list-style-type: none"> • Measure length <p><u>Add and subtract lengths</u></p> <ul style="list-style-type: none"> • Add lengths • Subtract lengths <p><u>Area</u></p> <ul style="list-style-type: none"> • What is area? • Counting squares • Making shapes • Comparing area 	<p>https://assets.whiterosemaths.com/fixed/wrm/2019/10/Year-3-and-4-Mixed-Age-Spring-Block-3-Fractions.pdf</p> <p><u>Year 3/Year 4/Both</u> <u>Recognising Fractions</u></p> <ul style="list-style-type: none"> • Unit and non-unit fractions • Making the whole • Fractions on a number line • What is a fraction? • Fractions greater than 1 • Count in fractions • Equivalent fractions (the White Rose scheme provides different units for Year 3 and 4) <p><u>Fractions of Amounts</u></p> <ul style="list-style-type: none"> • Fractions of an amount • Calculate fractions of a quantity • Problem solving- calculate quantities <p><u>Add and Subtract Fractions</u></p> <ul style="list-style-type: none"> • Add fractions • Subtract fractions • Add 2 or more fractions • Subtract 2 fractions • Subtract from whole amounts <p><u>Compare and Order Fractions</u></p> <ul style="list-style-type: none"> • Compare fractions • Order fractions 	<p>https://assets.whiterosemaths.com/fixed/wrm/2019/10/Year-3-and-4-Mixed-Age-Spring-Block-4-Mass-Capacity-and-Decimals.pdf</p> <p><u>Year 3/Year 4/Both</u> <u>Tenths</u></p> <ul style="list-style-type: none"> • Tenths • Count in tenths • Tenths as decimals • Recognise tenths and hundredths • Tenths as decimals • Tenths on a place value grid • Tenths on a number line <p><u>Mass and Capacity</u></p> <ul style="list-style-type: none"> • Measure mass • Compare mass • Add and subtract mass • Measure capacity • Compare capacity • Add and subtract capacity <p><u>Decimals</u></p> <ul style="list-style-type: none"> • Divide 1-digit by 10 • Divide 2-digits by 10 • Hundredths • Hundredths as decimals • Hundredths on a place value grid • Divide 1 or 2-digits by 100 	<p><u>Consolidation.</u></p> <p>This week may be swallowed up already if a unit has overrun or due to termly assessments. If not, use to consolidate areas that your class needs more practice of. Ensure children are secure calculating with all four operations. Ensure to incorporate times table practice, including practising the format of the Year 4 multiplication check.</p>
--------	--	--	--	---	---

Trinity Partnership Year 3 and 4 Maths Medium-Term Overview

This planning is based on The White Rose Scheme of Learning. The links to the short-term planning documents are shown in each block in the table below.

The National Curriculum objectives have been broken down into smaller steps in order to allow progression in achieving each objective.

Some terms may have more or less weeks so the planning will need to be adapted accordingly. Your class may have different needs and you may feel that an extra week is needed on a particular unit or not as many weeks are needed on another.

Please remember that there are a range of other resources available to support the teaching alongside the White rose documents. This will ensure a richer curriculum and provide more depth and fluency. A collection of useful resources can be found in the 'Maths Planning Resources' on the One Drive.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Summer	https://assets.whiterosemaths.com/fix/wrm/2020/03/2020/03/Year-3-and-4-Mixed-Age-Guidance-Summer-Block-1-Decimals-including-money.pdf <u>Year 3/Year 4/Both</u> <u>Decimals</u> <ul style="list-style-type: none"> • Make a whole • Write decimals • Compare decimals • Order decimals • Round decimals • Halves and quarters <u>Writing and Comparing Money</u> <ul style="list-style-type: none"> • Pounds and pence • Convert pounds and pence • Ordering money • Estimating money <u>Calculating with money</u> <ul style="list-style-type: none"> • Add money • Subtract money • Give change • Four operations 			https://assets.whiterosemaths.com/fix/wrm/2020/03/2020/03/Year-3-and-4-Mixed-Age-Guidance-Summer-Block-2-Time.pdf <u>Year 3/Year 4/Both</u> <u>Converting Time</u> <ul style="list-style-type: none"> • Months and years • Hours in a day • Hours, minutes and seconds • Years, months, weeks and days <u>Analogue Time</u> <ul style="list-style-type: none"> • Telling time to 5 minutes • Telling time to the nearest minute <u>Digital Time</u> <ul style="list-style-type: none"> • Using a.m. and p.m. • 24-hour clock • Analogue to digital- 12-hour • Analogue to digital- 24-hour <u>Finding and Comparing Durations</u> <ul style="list-style-type: none"> • Finding the duration • Comparing durations • Start and end times • Measuring time in seconds 	https://assets.whiterosemaths.com/fix/wrm/2020/03/2020/03/Year-3-and-4-Mixed-Age-Guidance-Summer-Block-3-Statistics.pdf <u>Year 3/Year 4/Both</u> <u>Statistics</u> <ul style="list-style-type: none"> • Pictograms • Bar Charts • Interpreting Charts • Comparison, Sum and Difference • Tables • Introducing line graphs • Line graphs 		https://assets.whiterosemaths.com/fix/wrm/2020/03/2020/03/Year-3-and-4-Mixed-Age-Guidance-Summer-Block-4-Properties-of-Shape.pdf <u>Year 3/Year 4/Both</u> <u>Angles</u> <ul style="list-style-type: none"> • Turns and angles • Right angles in shapes • Compare angles • Identify angles • Compare and order angles <u>Lines</u> <ul style="list-style-type: none"> • Draw accurately • Horizontal and vertical • Parallel and perpendicular <u>2-D Shapes</u> <ul style="list-style-type: none"> • Recognise and describe 2-D shapes • Triangles • Quadrilaterals <u>3-D Shapes</u> <ul style="list-style-type: none"> • Recognise and describe 3-D shapes • Make 3-D shapes <u>Symmetry</u> <ul style="list-style-type: none"> • Lines of symmetry • Complete a symmetric figure <u>Coordinates</u> <ul style="list-style-type: none"> • Describe position • Draw on a grid • Move on a grid • Describe movement on a grid 				<u>Consolidation.</u> This week may be swallowed up already if a unit has overrun or due to end-of-year assessments. If not, use to consolidate areas that your class needs more practice of. Ensure children are secure calculating with all four operations.	