




Responsible
Respectful
Ready

Great Aine Primary School – Reception, Year 3 and 4



Mathematics

<p>Maths</p> 	<p>Number Place Value Base Line Assessment A</p> <p>Hundreds, tens and ones Represent numbers to 1,000 Partition numbers to 1,000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning Find 1, 10, 100 or 1,000 more or less Number lines to 1,000 Number lines to 10,000 Estimate on a number line Compare numbers Order numbers Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Round to the nearest 10, 100 or 1,000 Roman Numerals</p>	<p>Number Multiplication and division A Base Line Assessment A</p> <p>Arrays Sharing and grouping The 2, 5 and 10 times-tables The 4 times-table The 8 times-table The 2, 4 and 8 times-tables The 3 times-table The 6 times-table The 9 times-table The 3, 6 and 9 times-tables The 7 times-table The 11 times-table The 12 times-table Multiply by 1 and 0 Divide a number by 1 and itself</p> <p>Measurement Area Base Line Assessment A</p> <p>What is area? Count squares Make shapes Compare areas</p>	<p>Number Multiplication and division B Base Line Assessment A</p> <p>Factor pairs Multiply and divide by 10 and 100 Reasoning about multiplication Multiply three numbers Efficient multiplication Scaling Correspondence problems Multiply up to a 3-digit number by a 1-digit number – no exchange Multiply up to a 3-digit number by a 1-digit number – with exchange Related calculations – multiplication and division Divide by a 1-digit number – flexible partitioning Divide up to a 3-digit number by a 1-digit number – no exchange Divide up to a 3-digit number by a 1-digit number – with exchange Divide up to a 3-digit number by a 1-digit number – with remainders</p>	<p>Measurement Mass and capacity Base Line Assessment A</p> <p>Measure mass in grams Measure mass in kilograms and grams Equivalent masses Compare mass Add and subtract mass Measure capacity and volume in millilitres Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume</p> <p>Number Fractions B Base Line Assessment A</p> <p>Add fractions Add fractions and mixed numbers Subtract fractions Subtract from whole amounts Subtract from mixed numbers Unit fractions of an amount Non-unit fractions of an amount</p>	<p>Measurement Time Base Line Assessment A</p> <p>Tell the time to 5 minutes Tell the time to the minute Read time of a digital clock Use a.m. and p.m. Convert between analogue and digital times Convert between 12- and 24-hour clock times Hours, minutes and seconds Find and use durations Years, months, weeks and days</p> <p>Number Decimals Base Line Assessment A</p> <p>Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Hundredths as fractions Hundredths as decimals Hundredths on a place value chart</p>	<p>Geometry Shape Base Line Assessment A</p> <p>Turns and angles Identify angles Compare and order angles Types of lines Triangles Quadrilaterals Polygons Draw polygons Symmetry 3-D shapes</p> <p>Geometry Position and direction Base Line Assessment A</p> <p>Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid</p> <p>Statistics Base Line Assessment A</p> <p>Pictograms Interpret bar charts Draw bar charts Interpret line graphs Draw line graphs Comparison, sum and difference Two-way tables</p>



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	<p><u>Number</u> Addition and Subtraction Base Line Assessment A</p> <p>Add and subtract 1s, 10s, 100s, 1,000s Add 1s, 10s, 100s, 1,000s across a boundary Subtract 1s, 10s, 100s, 1,000s across a boundary Make connections Add up to two 4-digit numbers – no exchange Add up to two 4-digit numbers (across a 10) Add up to two 4-digit numbers (across a 100) Add up to two 4-digit numbers (across a 1,000) Add numbers with a different number of digits Subtract up to two 4-digit numbers – no exchange</p>		<p><u>Measurement</u> Length and Perimeter Base Line Assessment A</p> <p>Measure in centimetres and millimetres Measure in kilometres and metres Kilometres, metres, centimetres and millimetres Equivalent lengths Add and subtract lengths What is perimeter? Calculate perimeter Perimeter of rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of polygons</p> <p><u>Number</u> Fractions A Base Line Assessment A</p> <p>Understand denominators Compare & order unit fractions Understand numerators Understand the whole Fractions on a number line Compare & order non-unit fractions Equivalent fractions Count beyond 1</p>	<p>Reasoning with fractions of an amount</p>	<p>Halves and quarters as decimals Make a whole Partition decimals Compare and order decimals Round to the nearest whole number Divide a number by 10 Divide a number by 100</p> <p><u>Measurement</u> Money Base Line Assessment A</p> <p>Pound and pence Write money using decimals Convert pounds and pence Compare amounts of money Estimate with money Add money Subtract money Find change Solve problems with money</p>	<p>Collect and represent data</p>
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	<p>Subtract up to two 4-digit numbers (across a 10)</p> <p>Subtract up to two 4-digit numbers (across a 100)</p> <p>Subtract up to two 4-digit numbers (across a 1,000)</p> <p>Subtract numbers with a different numbers of digits</p> <p>Complements to 100 and 1,000</p> <p>Estimate answers</p> <p>Inverse operations</p>		<p>Partition a mixed number</p> <p>Compare & order mixed numbers</p> <p>Understand improper fractions</p> <p>Convert mixed numbers to improper fractions</p> <p>Convert improper fractions to mixed numbers</p> <p>Equivalent fraction families</p>			
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