

Moor House School & College Curriculum Map

YEAR GROUP/PATHWAY: D				SUBJECT AREA: Maths
Autumn 1	Topic 1	Topic 2	Topic 3	Topic 4
Knowledge	Number and Place Value (NPV)	Addition and Subtraction (AS)	Multiplication and Division (MD)	Measures and Geometry (MEA and GEO)
Skills	<ul style="list-style-type: none"> Read and write numbers up to 1000 in numerals and in words. <i>Example: Three hundred and ninety-four = 394 Seven hundred and six = 706</i> Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s). <i>Example: $300 + 60 + 7 = \chi$ $700 + \chi + 4 = 754$</i> 	<ul style="list-style-type: none"> Recall or quickly find multiples of 5 bonds to 100. <i>Example: $25 + 75 = 100$ $100 - 35 = 65$</i> Use number bonds and number patterns to add and subtract 1-digit numbers from 2-digit numbers. <i>Example: $7 + 5$, $37 + 5$, $87 + 5$ $15 - 7$, $45 - 7$, $75 - 7$</i> Add several numbers, spotting doubles and bonds. <i>Example: $11 + 6 + 9$ $9 + 7 + 7$</i> Add and subtract multiples and near multiples of 10 by counting on and back or by using number facts and place value. <i>Example: $26 + 61$ $93 - 30$</i> Work systematically, using logical reasoning and deduction, to find number pairs that total a 2-digit number. <i>Example: Find all pairs that make 55, 66, 77, 88 or 99</i> Spot patterns to add any pair of 2-digit numbers, choosing an appropriate strategy, for example using bonds. <i>Example: $74 + 58$ $53 + 58$</i> 	<ul style="list-style-type: none"> Recall doubles of numbers 1 to 20, derive the related halves and apply reasoning skills to choose numbers that will give the longest halving chains. <i>Example: Halve even numbers / add 1 to odd numbers to make the longest halving chain, starting <40</i> Double 2-digit numbers to 50 and halve 2-digit numbers up to 100. <i>Example: Double $24 = 48$ $56 \div 2 = 27$</i> Recall and use multiplication and division facts for the 2, 3, 4, 5 and 10 multiplication tables. <i>Example: $\chi \times 3 = 36$ $50 \div 5 = \chi$</i> Understand that division is the inverse of multiplication. <i>Example: $6 \times 3 = 18$; $18 \div 3 = 6$ $7 \times 4 = 28$; $28 \div 4 = 7$</i> 	<ul style="list-style-type: none"> Tell and write the time to the nearest 5 minutes from an analogue or digital clock, including using Roman numerals from I to XII. <i>Example: $8:40 =$ twenty minutes to nine $13:05 =$ five minutes past on in the afternoon</i> Know the number of days in each month, year and leap year and use this to try different approaches and find ways of overcoming difficulties. <i>Example: Referring to a calendar: How many Thursdays in January?</i> Draw and make 3D shapes using modelling materials. Recognise 3D shapes in different orientations and describe them. <i>Example: Cube: 6 faces, 12 edges, 8 vertices Cone: 2 faces, 1 edge, 0 vertices</i>

Moor House School & College Curriculum Map

		<ul style="list-style-type: none"> Spot patterns to subtract any pair of 2-digit numbers, choosing an appropriate strategy, for example using bonds. <i>Example: 85 – 21 85 – 78</i> Use knowledge of bonds to add to the next multiple of 10 and then on to 100. <i>Example: 57 + χ = 100: 7 + 3 = 10 57 + 3 = 60; 60 + 40 = 100 so 57 + 43 = 100</i> 		
Vocabulary	<ul style="list-style-type: none"> Place value Numbers in words 3-digit numbers 	<ul style="list-style-type: none"> Multiples Number bonds Addition Subtraction 	<ul style="list-style-type: none"> Doubling Having Multiplication/Division Facts 	<ul style="list-style-type: none"> Telling/writing the time (including using Roman Numerals) Year/Month/Day/Hours/Minutes 3D Shapes – faces, edges, vertices
Autumn 2	Topic 1	Topic 2	Topic 3	Topic 4
Knowledge	Addition and Subtraction (AS)	Multiplication and Division (MD)	Fractions, Decimals, Ratio and Percentages (FDRP)	Measures and Geometry (MEA and GEO)
Skills	<ul style="list-style-type: none"> Add and subtract multiples and near multiples of 10 by counting on and back or by using number facts and place value. <i>Example: 26 + 61 93 – 30</i> Spot patterns to add any pair of 2-digit numbers, choosing an appropriate strategy, for example using bonds. <i>Example: 74 + 58 53 + 58</i> Spot patterns to subtract any pair of 2-digit numbers, choosing an appropriate strategy, for example using bonds. <i>Example: 85 – 21 85 – 78</i> 	<ul style="list-style-type: none"> Double 2-digit numbers to 50 and halve 2-digit numbers up to 100. <i>Example: Double 24 = 48 56 ÷ 2 = 27</i> Recall and use multiplication and division facts for the 2, 3, 4, 5 and 10 multiplication tables. <i>Example: $\chi \times 3 = 36 50 \div 5 = \chi$</i> Understand that a remainder is the amount left over after a division and begin to understand the patterns of remainders. <i>Example: 76 ÷ 10 = 7, r6 Explore which numbers 3 to 30 give remainder 1 when divided by 3.</i> 	<ul style="list-style-type: none"> Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators, e.g. 12, 13 s and 14 s of multiples of 2, 3 and 4, using visual representations. <i>Example: 3/4 of 12 is 9 1/3 of 21 = 7</i> Understand fractions as parts of a whole and compare unit fractions. Understand that a fraction is an equal part of a whole and that a unit fraction is one part and a non-unit fraction is several parts. 	<ul style="list-style-type: none"> <i>Solve number and practical problems using place value to add and subtract amounts of money. Example: £5.00 + £3.16 78p – 40p</i> <i>Measure and compare lengths; (m/cm/mm) and capacity (ml/L). Example: 15cm < 30cm 1 L > 500 ml</i>

Moor House School & College Curriculum Map

	<ul style="list-style-type: none"> Begin to derive pairs of numbers that total 100. <i>Example: 57 + 43</i> 	<ul style="list-style-type: none"> Use commutativity to find multiplication facts using known facts. <i>Example: Use 3×7 to work out 7×3 Use 4×9 to work out 9×4</i> 	<ul style="list-style-type: none"> Look for patterns, make predictions and begin to see the relationship between finding fractions of amounts and division. <i>Example: Which numbers can be split into thirds/quarters/both: 12, 13, 18, 21, 18, 23, 24, 28, 31, 36, 48, 56</i> 		
Vocabulary	<ul style="list-style-type: none"> Addition/Subtraction using appropriate strategy Number pairs to 100 	<ul style="list-style-type: none"> Doubling and Halving Multiplication/Division facts Division with remainders Commutative Law 	<ul style="list-style-type: none"> Unit and non-unit fractions of amounts Whole fractions Equal parts of a whole 	<ul style="list-style-type: none"> Addition and Subtraction with money Measure and compare lengths (m/cm/mm/ml/L) 	
Spring 1	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
Knowledge	Number and Place Value (NPV)	Addition and Subtraction (AS)	Multiplication and Division (MD)	Fractions, Decimals, Ratio and Percentages (FDRP)	Measures and Geometry (MEA and GEO)
Skills	<ul style="list-style-type: none"> Understand 2- and 3-digit numbers; find 1, 10 or 100 more or less than a given number without difficulty. Round numbers to the nearest 10 and 100, using a number line. <i>Example: 425 rounds to 430, 400 662 rounds to 660, 700</i> Identify, represent and estimate numbers using different representations including a number line. Multiply and divide by 10 (whole-number answers). 	<ul style="list-style-type: none"> Find pairs with a total of 100 or a maximum total of £1.00. <i>Example: $53 + 47 = 100$ $81 + 19 = 100$</i> Add numbers mentally, including 2-digit and 3-digit numbers. <i>Example: $351 + 46$ $368 + 102$</i> Subtract 2-digit numbers from 3-digit numbers, and begin to subtract 3-digit numbers from 3-digit numbers, using counting up and by looking for patterns in the digits. <i>Example: $141 - 76$ $123 - 87$</i> 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 3,4, 5 and 10 multiplication tables. <i>Example: $12 \times 4 = 48$ $11 \times 10 = 110$</i> Multiply 2-digit numbers by 4 by doubling twice, and divide 2-digit numbers by 4 by halving twice (whole-number answers). <i>Example: $4 \times 16: 16 \times 2 = 32; 32 \times 2 = 64$ $32 \div 4: 32 \div 2 = 16; 16 \div 2 = 8$</i> Double numbers, and halve even numbers, up to 100 by partitioning. 	<ul style="list-style-type: none"> Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators, e.g. identify $1/2$s, $1/3$s, $1/4$s, $1/5$s, $1/6$s and $1/8$s, and say how many are needed to make a whole. Mark and identify simple fractions on 0 to 1 line. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators, for example $1/2$s, $1/3$s, $1/4$s, 	<ul style="list-style-type: none"> Begin to measure the perimeter of simple 2D shapes. Identify and draw 2D shapes, and describe their properties. <i>Example: Square: 4 equal sides; 4 right angles Triangle: 3 straight sides; 3 angles</i> Identify right angles, recognise that 2 right angles make a half turn, 3 make 3/4 of a turn and 4 complete a turn; identify whether angles are greater than or less than a right angle.

Moor House School & College Curriculum Map

	<p><i>Example: $850 \div 10 \times 10 = 460$</i></p> <ul style="list-style-type: none"> Count from 0, in steps of 10, 50 and 100, and find 10 or 100 more or less than a given number; spot patterns in both systems to solve problems. <i>Example: Count in 10s from 4 to 1004, in 50s from 4 to 1004 and in 100s from 4 to 1004. Write the numbers that would be in 2 and in all 3 counts.</i> 	<ul style="list-style-type: none"> Count up to find change from £5 and £10 (multiples of 5p). <i>Example: £5.00 – £2.80 £10 – £4.65</i> 	<p><i>Example: $2 \times 68 \ 94 \div 2$ For a sports day, 42 oranges are cut into half. How many halves are there?</i></p> <ul style="list-style-type: none"> Multiply numbers between 10 and 25 by 3, 4 and 5. <i>Example: 3×24 21×4 5×16</i> Multiply and divide multiples of 10 by 3, 4 and 5 (with no remainders). <i>Example: 3×40 $120 \div 4$ 5×20</i> 	<p><i>and 1/5s of amounts (whole number answers only).</i></p> <ul style="list-style-type: none"> Recognise and show, using diagrams, equivalent fractions with small denominators. <i>Example: $1/2 = 2/4$ $4/5 = 8/10$</i> 	
Vocabulary	<ul style="list-style-type: none"> 1/10/100 more or less Rounding numbers Representing numbers using manipulatives Multiply/Divide by 10 Counting in steps 	<ul style="list-style-type: none"> Pairs that total to 100 Mental addition Subtracting 2 from 3-digit numbers Counting up Finding change with money 	<ul style="list-style-type: none"> Multiplication/Division facts Multiply by 4/Doubling twice Doubling/Halving Multiplication and division 	<ul style="list-style-type: none"> Unit and non-unit fractions Fraction lines Equivalent fractions 	<ul style="list-style-type: none"> Perimeter of 2D shapes Identify/draw 2D shapes Identify right angles Quarter/half/full turn
Spring 2	Topic 1	Topic 2	Topic 3	Topic 4	
Knowledge	Number and Place Value (NPV)	Addition and Subtraction (AS)	Multiplication and Division (MD)	Measures and Geometry (MEA and GEO)	
Skills	<ul style="list-style-type: none"> Understand 2- and 3-digit numbers; find 1, 10 or 100 more or less than a given number without difficulty. Begin to compare and order numbers up to 1000, using < and 	<ul style="list-style-type: none"> Add numbers mentally, including 2-digit and 3-digit numbers. <i>Example: $351 + 46$ $368 + 102$</i> Subtract 2-digit numbers from 3-digit numbers, and begin to subtract 3-digit numbers from 3-digit numbers, using counting up 	<ul style="list-style-type: none"> Understand the relationship between doubling and halving. <i>Example: Half of 36 is 18. What is double 18?</i> Solve problems, including missing number problems, involving multiplication and 	<ul style="list-style-type: none"> Tell and write the time to the nearest minute from an analogue clock, including using Roman Numerals from I to XII, or a digital clock. <i>Example: 4:07 = seven minutes past four 11:34 = twenty-six minutes to twelve</i> 	

Moor House School & College Curriculum Map

	<p>> signs. <i>Example: 375 < 526 420 > 201</i></p> <ul style="list-style-type: none"> Work systematically and make generalisations. <i>Example: Investigate how many 3-digit numbers there are where the 10s number is a 3. How many will there be in all the three-digit numbers? How do you know?</i> 	<p>and by looking for patterns in the digits. <i>Example: 141 – 76 123 – 87</i></p> <ul style="list-style-type: none"> Solve simple word problems using addition or subtraction. Begin to add numbers with up to 3 digits, using formal written methods of columnar addition (1s greater than 10s or 10s greater than 100s). <i>Example: 659 + 225 447 + 526 466 + 268</i> Investigate patterns when adding numbers, estimate the answer to a calculation and begin to use a systematic approach, including using inverse operations, to check answers. <i>Example: Add palindromic number pairs, make predictions and test them. Spot a pattern in the relationship between the 100s and 1s.</i> 	<p>division. <i>Example: 200 ÷ 5 = 40 28 × 4 = 240</i></p> <ul style="list-style-type: none"> Double numbers, and halve even numbers, up to 100 by partitioning. <i>Example: 2 × 68 94 ÷ 2 For a sports day, 42 oranges are cut into half. How many halves are there?</i> Begin to use the grid method to multiply 2-digit numbers from 10 to 25 by 1-digit numbers. 	<ul style="list-style-type: none"> Calculate time intervals and compare durations of events. <i>Example: It was 10 past 6. We played for 15 minutes. What time is it now?</i> Know the number of seconds in a minute. <i>Example: Ask children to estimate when 1 minute has gone by.</i> 	
Vocabulary	<ul style="list-style-type: none"> 1/10/100 more or less Compare and order numbers to 1000 	<ul style="list-style-type: none"> Mental addition 3 by 3-digit addition/subtraction Addition/subtraction word problems Inverse operations 	<ul style="list-style-type: none"> Doubling/Halving Missing number multiplication/division problems Partitioning Grid method multiplication 	<ul style="list-style-type: none"> Tell/write time to nearest minute, including Roman Numerals Intervals and duration Seconds/minutes conversion 	
Summer 1	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
Knowledge	Number and Place Value (NPV)	Addition and Subtraction (AS)	Multiplication and Division (MD)	Fractions, Decimals, Ratio and Percentages (FDRP)	Measures and Geometry (MEA and GEO)
Skills	<ul style="list-style-type: none"> Count from 0 in multiples of 4, 8, 10, 50 and 100; find 10 or 100 more or less than a given number. 	<ul style="list-style-type: none"> Subtract a 2-digit or 3-digit number using place 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 3, 4, 5, 8 and 10 	<ul style="list-style-type: none"> Add and subtract fractions with the same denominator within one 	<ul style="list-style-type: none"> Add and subtract amounts of money to give change, using both £ and p in

Moor House School & College Curriculum Map

	<p><i>Example: Cows have four legs. How many legs are there on 12 cows?</i></p> <ul style="list-style-type: none"> • Compare and order numbers up to 1000, using < and > signs. <i>Example: 375 < 526 420 > 201</i> • Solve number problems and practical problems involving these ideas. <i>Example: 214 - 4 = 210 £2.36 + 20p = £2.56</i> 	<p>value. <i>Example: 363 - 99 350 - 110</i></p> <ul style="list-style-type: none"> • Use number facts to add and subtract numbers mentally, including a 3-digit number and 1s, a 3-digit number and 10s, and a 3-digit number and 100s, and explain their methods. <i>Example: 532 - 5 356 + 60 785 - 300</i> • Choose an appropriate strategy (mental or written) to solve addition of 3-digit numbers. <i>Example: 351 + 100 + 204 356 + 278</i> • Add numbers with up to 3 digits using column addition and using reasoning and trial and improvement. <i>Example: 426 + 173 127 + 842 Children aim to find pairs of 3-digit numbers that add to 581</i> 	<p>multiplication tables. <i>Example: 9 × 4 = 36 8 × 9 = 72</i></p> <ul style="list-style-type: none"> • Understand the relationship between multiplication and division. <i>Example: 90 ÷ 3 = 30; 30 × 3 = 90 160 ÷ 4 = 40; 40 × 4 = 160</i> • Write and calculate mathematical statements for multiplication using multiplication tables, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods, for example using grid methods to multiply 2-digit numbers by 3, 4, 5, and 8. <i>Example: 26 × 3 4 × 16</i> • Solve positive integer scaling problems and correspondence problems in which n objects are connected to m objects. <i>Example: Find the height of a giant 8 times taller than me.</i> 	<p>whole. <i>Example: 5/7 + 1/7 = 6/7, 7/8 - 2/8 = 5/8</i></p> <ul style="list-style-type: none"> • Compare and order unit fractions, and fractions with the same denominators. <i>Example: 3/6 < 5/6, 3/6 > 1/6</i> 	<p>practical contexts. <i>Example: £10 - £3.99 £20 - £15.42</i></p> <ul style="list-style-type: none"> • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (L/ml). <i>Example: 12 cm + 10 cm 100 g < 250 g < 1 kg</i> • Interpret and present data using bar charts, pictograms and tables. <i>Example: Using a pictogram showing favourite games: What does each picture represent? How many children prefer board games? Present the information on a bar chart.</i> • Solve 1-step and 2-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables. <i>Example: Draw a bar chart showing the weights of toys. How much heavier is the toy elephant than the mouse? Was the tallest toy the heaviest?</i>
--	---	---	--	---	--

Moor House School & College Curriculum Map

			<ul style="list-style-type: none"> Write and calculate mathematical statements for division using the multiplication tables that they know, using mental and progressing to formal written methods, for example divide by 3, 4, 5, 8 with and without remainders (answers less than 20). Example: $26 \div 4$ $21 \div 5$ Divide numbers just beyond the range of known table facts by subtracting 10 times the divisor. Example: $65 \div 5$ $42 \div 3$ 		
Vocabulary	<ul style="list-style-type: none"> Counting from 0 in different multiples 10/100 more or less Compare and order numbers to 1000 Greater/less than 	<ul style="list-style-type: none"> Mental addition/subtraction 2 or 3-digit subtraction 3-digit column addition 	<ul style="list-style-type: none"> Multiplication/division facts and relationship Positive integer scaling 	<ul style="list-style-type: none"> Adding and subtracting fractions Comparing and ordering fractions Denominator 	<ul style="list-style-type: none"> Add and subtract money Measure, compare, add and subtract lengths Bar charts, pictograms and tables 1 and 2-step questions
Summer 2	Topic 1	Topic 2	Topic 3	Topic 4	
Knowledge	Addition and Subtraction (AS)	Multiplication and Division (MD)	Fractions, Decimals, Ratio and Percentages (FDRP)	Measures, Geometry and Statistics (MEA, GEO and STA)	
Skills	<ul style="list-style-type: none"> Find change from £10 and begin to find change from £20. Example: £10 – £4.69 £10 – £5.32 £20 – £12.55 Subtract numbers with up to 3 digits by counting up (difference less than 100); work systematically to find possibilities and begin to explain mathematical patterns. Example: Use 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 3, 4, 5, 8 and 10 multiplication tables. Example: $9 \times 4 = \square \square \times 8 = 72$ Write and calculate mathematical statements for multiplication using multiplication tables, including for 2-digit numbers times 1-digit numbers, 	<ul style="list-style-type: none"> Solve problems with fractions that involve all of the above. Example: One pizza is divided into 1/6ths and another into 1/4ths. One child has 3 slices from the first pizza and another has 2 slices from the second pizza. Is this fair, or does one child get more pizza? Which child? 	<ul style="list-style-type: none"> Measure the perimeter of simple 2D shapes. Example: $9\text{ cm} + 1\text{ cm} + 2\text{ cm} + 2\text{ cm} + 5\text{ cm} + 2\text{ cm} + 2\text{ cm} + 1\text{ cm} = 24\text{ cm}$ $2\text{ cm} + 7\text{ cm} + 2\text{ cm} + 3\text{ cm} + 1\text{ cm} + 2\text{ cm} + 1\text{ cm} + 2\text{ cm} = 20\text{ cm}$ Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, 	

Moor House School & College Curriculum Map

	<p><i>pairs of consecutive digits to make two palindromic numbers and subtract them (767 – 676); repeat for all possible subtractions and explain patterns.</i></p> <ul style="list-style-type: none"> • Estimate the answer to a calculation and use inverse operations to check answers (use addition to check subtraction). <i>Example: £10 – £6.75 = £3.25; £6.75 + £3.25 = £10 £10 – £4.69 = £5.31; £4.69 + £5.31 = £10</i> • Use number facts to add and subtract numbers mentally, including a 3-digit number and 1s, a 3-digit number and 10s, and a 3-digit number and 100s, and explain their methods. <i>Example: 532 – 5 356 + 60 785 – 300</i> • Choose an appropriate strategy (mental or written) to solve addition of 3-digit numbers. <i>Example: 351 + 100 + 204 356 + 278</i> • Add numbers with up to 3 digits using column addition and using reasoning and trial and improvement. <i>Example: 426 + 173 127 + 842 Children aim to find pairs of 3-digit numbers that add to 581</i> • Use reasoning skills to invent appropriate addition questions. <i>Example: Write at least 5 pairs of additions where the difference between the first addition (of multiples of 10) and the second addition is 15.</i> 	<p>using mental and progressing to formal written methods, for example using grid methods to multiply 2-digit numbers by 3, 4, 5, and 8. <i>Example: 26 x 3 4 x 16</i></p> <ul style="list-style-type: none"> • Begin to make generalisations and solve problems, including missing number problems and word problems, involving 2-digit by 1-digit multiplication or division. <i>Example: Children use the digits 2, 5 and 8 to create all the possible combinations of $\square \times \square \square$. They estimate the answers, use the grid method to work them out, note which combination gave the largest and smallest answers, and order all the combinations from smallest to largest product.</i> • Divide numbers just beyond the range of known table facts by subtracting 10 times the divisor. <i>Example: 65 ÷ 5 42 ÷ 3</i> 	<ul style="list-style-type: none"> • Recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10. <i>Example: 1/10 of 240 = 24, 30 ÷ 10 = 3</i> 	<p>minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight. <i>Example: 7:27 am = twenty-seven minutes past seven in the morning How many times do you think you could write your name in a minute?</i></p> <ul style="list-style-type: none"> • Tell and write the time from 12-hour and 24-hour clocks. <i>Example: 12:00 = noon 15:00 = 3 pm</i> • Recognise angles as a property of shape or a description of a turn. • Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
--	--	---	---	--

Moor House School & College Curriculum Map

Vocabulary	<ul style="list-style-type: none">• Finding change• 3-digit subtraction• Estimation and inverse operations• Mental addition and subtraction• 3-digit column addition	<ul style="list-style-type: none">• Multiplication/division facts• Formal multiplication methods• Missing multiplication/division number problems• Division	<ul style="list-style-type: none">• Fractions of amounts using different denominators• Tenths/dividing by 10	<ul style="list-style-type: none">• Perimeter of 2D shapes• Estimation and reading time• Seconds, minutes, hours, days, morning, afternoon, am, pm etc.• 12 and 24-hour clock• Recognising angles as property of a shape• Horizontal and vertical lines• Pairs of perpendicular and parallel lines
------------	--	--	---	--