Maths KS1 Medium Term Plan 2021-22 – Cycle A	
Autumn 1	**Autumn 2**
Key Stage 1	
Place Value (3 weeks)	**Geometry (2 weeks)**
Year 1	**Year 1**
Sort objects	Recognise and name 3-D shapes
Count objects	Sort 3-D shapes
Count objects from a group of 10	Recognise and name 2-D shapes
Represent objects	Sort 2-D shapes
Represent numbers to 10	Patterns with 3-D and 2-D shapes
Count forwards	**Year 2**
Count backwards	Recognise 2-D and 3-D shapes
Count one more	Make 2-D and 3-D shapes
Count one less	Count sides on 2-D shapes
One to one correspondence	Count vertices on 2-D shapes
Compare objects	Draw 2-D shapes
Introduce <, > and =	Lines of symmetry
Compare numbers	Lines of symmetry - draw the whole
Order objects	Sort 2-D shapes
Order numbers	Make patterns with 2-D shapes
Ordinal numbers	Count faces on 3-D shapes
The number line	Count edges on 3-D shapes
Year 2	Count vertices on 3-D shapes
Count objects to 100 and read and write numbers in numerals and words	Sort 3-D shapes
Represent numbers to 100	Make patterns with 3-D shapes
Tens and ones with a part-whole model	
Tens and ones using addition	
Use a place value chart	**Money (3 weeks)**
Compare objects	**Year 1**
Compare numbers	Recognising coins
Order objects and numbers	Recognising notes
Count in 2s, 5s and 10s	Counting in coins
Count in 3s	
Addition and Subtraction (4 weeks)	
Year 1	**Year 2**
Part-whole model (with images/objects)	Count money - pence
Part-whole model	Count money - pounds (notes and coins)
Addition symbol	Count money - notes and coins
Fact families - addition facts	Select money
Find number bonds for numbers within 10	Make the same amount
Systematic methods for number bonds within 10	Compare money
Number bonds to 10	Find the total
Compare number bonds	Find the difference
	Find change

Addition - adding together Addition - adding more Addition - using bonds Finding a part Subtraction - taking away, how many left? Crossing out Subtraction - taking away, how many left? Introducing the subtraction symbol Subtraction - find a part, breaking apart Fact families - the 8 facts Subtraction - counting back Subtraction - finding the difference Comparing addition and subtraction statements a + b > c Comparing addition and subtraction statements a + b > c + d **Year 2** Fact families - addition and subtraction bonds to 20 Check calculations Compare number sentences Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Add a 2-digit and 1-digit number - crossing ten Subtraction - crossing 10 Subtract a 1-digit number from a 2-digit number - crossing ten Add two 2-digit numbers - not crossing ten - add ones and add tens Add two 2-digit numbers - crossing ten - add ones and add tens Subtract a 2-digit number from a 2-digit number - not crossing ten Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens Mixed addition and subtraction Find and make number bonds Bonds to 100 (tens and ones) Add three 1-digit numbers	Two-step problems **Revision and assessment weeks are also during this term.**

Maths KS1 Medium Term Plan 2021-22 – Cycle A	
Spring 1	**Spring 2**
Key Stage 1	

Multiplication and Division (2 weeks)	**Fractions (3 weeks)**
Year 1	**Year 1**
Count in 2s	Making a half
Count in 5s	Making a whole
Count in 10s	Find a half
Make equal groups	Find a half of a quantity
Add equal groups	Making a quarter
Make arrays	Find a quarter
Make doubles	Find a quarter of a quantity
Make equal groups - grouping	
Make equal groups - sharing	
	Year 2
	Working with parts and wholes
Year 2	Make equal parts
Make equal groups	Recognise a half
Redistribute from unequal to equal groups	Find a half
Add equal groups	Recognise a quarter
Make arrays	Find a quarter
Recognise equal groups	Recognise a third
Multiplication sentences using the x symbol	Find a third
Multiplication sentences from pictures	Unit fractions
Use arrays	Non-unit fractions
Make doubles	Equivalence of a half and 2 quarters
2 times-table	Find three quarters
5 times-table	Count in fractions
10 times-table	Problem solving with fractions
Make equal groups - sharing	
Make equal groups - grouping	
Divide by 2	
Odd and even numbers	
Divide by 5	
Divide by 10	**Statistics (1 week)**
	Year 1
	Due to year 1 not covering statistics, they will be choosing a topic for the week
Addition and Subtraction (2 weeks)	to re-cap any misconceptions in their class.
Year 1	
Add by counting on	**Year 2**
Add ones using number bonds	Make tally charts
Find & make number bonds	Draw pictograms (1-1)
Add by making 10	Interpret pictograms (1-1)
Subtraction - not crossing 10	Draw pictograms (2, 5 and 10)
Subtraction - not crossing 10 (counting back)	

Subtraction - crossing 10 (counting back)
Related facts
Compare number sentences

Year 2
Fact families - addition and subtraction bonds to 20
Check calculations
Compare number sentences
Related facts
Bonds to 100 (tens)
Add and subtract 1s
10 more and 10 less
Add and subtract 10s
Add a 2-digit and 1-digit number - crossing ten
Subtraction - crossing 10
Subtract a 1-digit number from a 2-digit number - crossing ten
Add two 2-digit numbers - not crossing ten - add ones and add tens
Add two 2-digit numbers - crossing ten - add ones and add tens
Subtract a 2-digit number from a 2-digit number - not crossing ten
Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones
and subtract tens
Mixed addition and subtraction
Find and make number bonds
Bonds to 100 (tens and ones)
Add three 1-digit numbers

Place Value (2 weeks)
Year 1
Counting to 50 by making 10s
Numbers to 50
Counting forwards and backwards within 50
Tens and ones
Represent numbers to 50
One more one less
Compare objects within 50
Compare numbers within 50
Order numbers within 50
Count in 2s
Count in 5s

Year 2
Count objects to 100 and read and write numbers in numerals and words
Represent numbers to 100

Interpret pictograms (2, 5 and 10)
Block diagrams

Geometry (1 week)
Year 1
Recognise and name 3-D shapes
Sort 3-D shapes
Recognise and name 2-D shapes
Sort 2-D shapes
Patterns with 3-D and 2-D shapes

Year 2
Recognise 2-D and 3-D shapes
Make 2-D and 3-D shapes
Count sides on 2-D shapes
Count vertices on 2-D shapes
Draw 2-D shapes
Lines of symmetry
Lines of symmetry - draw the whole
Sort 2-D shapes
Make patterns with 2-D shapes
Count faces on 3-D shapes
Count edges on 3-D shapes
Count vertices on 3-D shapes
Sort 3-D shapes
Make patterns with 3-D shapes

Tens and ones with a part-whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers Order objects and numbers Count in 2s, 5s and 10s Count in 3s	

Maths KS1 Medium Term Plan 2021-22 – Cycle A	
Summer 1	**Summer 2**
Key Stage 1	
Time (2 weeks)	**Geometry – Position and Direction (2 weeks)**
Year 1	**Year 1**
Before and after	Describe turns
Dates	Describe position
Time to the hour	
Time to the half hour	**Year 2**
Writing time	Describing movement
Comparing time	Describing turns
	Making patterns with shapes
Year 2	
O'clock and half past	**Multiplication and Division (2 weeks)**
Quarter past and quarter to	**Year 1**
Telling time to 5 minutes	Count in 2s
Writing time	Count in 5s
Hours and days	Count in 10s
Find durations of time	Make equal groups
Compare durations of time	Add equal groups
	Make arrays
	Make doubles
Measurement (4 weeks)	Make equal groups - grouping
Year 1	Make equal groups - sharing
Compare lengths & heights	
Measuring lengths (non-standard units)	
Introducing the ruler	**Year 2**
Adding length problems	Make equal groups
Subtracting length problems	Redistribute from unequal to equal groups
Introduce weight & mass	Add equal groups
Measure mass	Make arrays
Compare mass	Recognise equal groups
Weight and mass problems	Multiplication sentences using the x symbol
	Multiplication sentences from pictures
Introduce capacity and volume	Use arrays
Measure capacity	Make doubles
Compare capacity	2 times-table
	5 times-table
Year 2	10 times-table
Measure length (cm)	Make equal groups - sharing
Measure length (m)	Make equal groups - grouping
Compare lengths	Divide by 2
Order lengths	Odd and even numbers
Four operations with lengths	Divide by 5

Problem solving with lengths Compare mass Measure mass in grams Measure mass in kilograms Compare volume Millilitres Litres Four operations with mass Four operations with volume Temperature	Divide by 10 **Addition and Subtraction (2 weeks)** **Year 1** Add by counting on Add ones using number bonds Find & make number bonds Add by making 10 Subtraction - not crossing 10 Subtraction - not crossing 10 (counting back) Subtraction - crossing 10 (counting back) Related facts Compare number sentences **Year 2** Fact families - addition and subtraction bonds to 20 Check calculations Compare number sentences Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Add a 2-digit and 1-digit number - crossing ten Subtraction - crossing 10 Subtract a 1-digit number from a 2-digit number - crossing ten Add two 2-digit numbers - not crossing ten - add ones and add tens Add two 2-digit numbers - crossing ten - add ones and add tens Subtract a 2-digit number from a 2-digit number - not crossing ten Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens Mixed addition and subtraction Find and make number bonds Bonds to 100 (tens and ones) Add three 1-digit numbers