

YEAR 3 MATHS LTP

Each week of each half term	1	2	3	4	5	6
<p style="color: green;">Timesable chants (tricky facts)</p>	<p>4 x 12 and 12 x 4</p> <ul style="list-style-type: none"> •At the park with my mate... 4 times 12 is 48 •I left the park a little late... 12 times 4 is 48 <p>11 x 11</p> <ul style="list-style-type: none"> •Fancy going for a run... 11, 11s is 1-2-1 <p>7 x 8 and 8 x 7</p> <ul style="list-style-type: none"> •My house is made of bricks... 7 times 8 is 56 •This old house needs a fix... 8 times 7 is 56 	<p>4 x 6 and 6 x 4</p> <ul style="list-style-type: none"> •Please sir, can I have some more?... 4 times 6 is 24 •More made my belly sore... 6 times 4 is 24 <p>7 x 7</p> <ul style="list-style-type: none"> •This one's my favourite rhyme... 7 times 7 is 49 <p>8 x 9 and 9 x 8</p> <ul style="list-style-type: none"> •Get in line, there's a queue... 8 times 9 is 72 •This long line will not do... 9 times 8 is 72 	<p>8 x 8</p> <ul style="list-style-type: none"> •I ate and ate 'til I was sick on the floor... 8 times 8 is 64 <p>9 x 12 and 12 x 9</p> <ul style="list-style-type: none"> •Saving the world is our fate... 9 times 12 is 108 •A beautiful world we'll create... 12 times 9 is 108 <p>6 x 7 and 7 x 6</p> <ul style="list-style-type: none"> •Fancy a trip to the zoo? 6 times 7 is 42 •At the zoo, I saw some poo... 7 times 6 is 42 	<p>6 x 8 and 8 x 6</p> <ul style="list-style-type: none"> •At the doctor's, I had a long wait... 6 times 8 is 48 •The doctor said her name was Kate... 8 times 6 is 48 <p>6 x 12 and 12 x 6</p> <ul style="list-style-type: none"> • Above the clouds, the bird flew... 6 x 12 is 72 • The bird had an amazing view... 12 times 6 is 72 <p>4 x 7 and 7 x 4</p> <ul style="list-style-type: none"> • Zooming down, I roller-skate... 4 times 7 is 28 •Hurling down towards the gate... 7 times 4 is 28 	<p>12 x 12</p> <ul style="list-style-type: none"> •What's that running past the door? 12 times 12 is 1-4 -4 <p>8 x 12 and 12 x 8</p> <ul style="list-style-type: none"> •I saw a magician doing tricks... 8 times 12 is 96 • This magician had magic sticks... 12 times 8 is 96 <p>6 x 9 and 9 x 6</p> <ul style="list-style-type: none"> • Digging down to the core... 6 times 9 is 54 •I had to dig more and more... 9 times 6 is 54 	<p>4 x 8 and 8 x 4</p> <ul style="list-style-type: none"> • Where's my car? It's brand new... 4 x 8 is 32 • My new car is shiny blue... 8 times 4 is 32 <p>7 x 12 and 12 x 7</p> <ul style="list-style-type: none"> • Carrots taste great, that's for sure... 7 times 12 is 84 • Crunchy carrots, I want more! ... 12 times 7 is 84 <p>11 x 12 and 12 x 11</p> <ul style="list-style-type: none"> •Is that the train leaving for Crewe? ... 11 x 12 is 1-3-2 •Before the train, let's grab a brew... 12 x 11 is 1-3-2

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Autumn 1 Week	1	2	3	4	5	6
Power maths unit	Assessments and settling in	Unit 1: Place value within 1,000	Unit 1: Place value within 1,000	Unit 1: Place value within 1,000	Unit 2: Addition and subtraction (1)	Unit 2: Addition and subtraction (1)
Arithmetic	Half termly test – rising stars Base line assessment of arithmetic passport	Mental addition of 1 and 2 digit numbers including number bonds to 100	Mental subtraction of 1 and 2 digit numbers including number bonds to 100	Adding and subtracting 10 from a given number Counting multiples of 10, 20, 25 and 50 from 0 or a given multiple	Column addition	Column addition with exchanging
Times tables to teach and assess	Timetables practice and assessments (test out of 99)	2	4	5	10	2, 4, 5, 10

Autumn 2 Week	1	2	3	4	5	6
Power maths unit	Unit 3: Addition and subtraction (2)	Unit 3: Addition and subtraction (2)	Unit 4: Multiplication and division (1)	Unit 4: Multiplication and division (1)	Unit 4: Multiplication and division (1)	Assessment week and revision/catch up
Arithmetic	Half termly test – rising stars Column subtraction	Column subtraction with exchanging	Addition and subtraction using missing numbers to consolidate the inverse	Addition and subtraction using missing numbers to consolidate the inverse	Expanded column multiplication	Expanded column multiplication
Times tables to teach and assess	3	6	9	8	3, 6, 9, 8	3, 6, 9, 8

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Spring 1 Week	1	2	3	4	5	6
Power maths unit	Unit 5: Multiplication and division (2)	Unit 5: Multiplication and division (2)	Unit 5: Multiplication and division (2)	Unit 6: Multiplication and division (3)	Unit 6: Multiplication and division (3)	Unit 6: Multiplication and division (3)
Arithmetic	Half termly test – rising stars Multiplying and dividing by 10 using whole numbers	Multiplying and dividing by 10 using whole numbers	Doubling and halving 2 digit numbers	Doubling and halving 2 digit numbers – introducing half as an answer (51div2=25 and a half)	Division using grouping on a number line (96 div 8, counting in 8s to 96)	Division using chunking on a number line (96 div 8, 10x8 is 80 and 2 x 8 is 16)
Times tables to teach and assess including related division facts	8, 9	7	11	12	7, 12	7, 12

Spring 2 Week	1	2	3	4	5	6
Power maths unit	Unit 7: Length and perimeter	Unit 7: Length and perimeter	Unit 8: Fractions (1)	Unit 8: Fractions (1)	Unit 9 : Mass	Unit 9 : Mass Assessment week and revision
Arithmetic	Half termly test – rising stars Revisit expanded column multiplication	Variety of multiplication questions, ask children is this best to do expanded column multiplication or a mental method such as repeated addition?	Column addition and subtraction	Find fractions of amounts (Eg 1/3 of 12)	Find fractions of amounts (Eg 2/3 of 12)	Revision
Times tables to teach and assess including related division facts	2, 4, 5, 10	2, 4, 5, 10	3, 6, 9, 8	3, 6, 9, 8	7, 9, 11, 12	Timetables test out of 99 Rapid recalls based on need.

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Summer 1 Week	1	2	3	4	5	6
Power maths unit	Unit 10: Capacity	Unit 11: Fractions (2)	Unit 11: Fractions (2)	Unit 12: Money	Unit 13: Time	Unit 13: Time
Arithmetic	Half termly test – rising stars Ordering fractions with different denominators on a number line	Ordering fractions using <> symbols	Adding fractions with the same denominator.	Subtracting fractions with the same denominator.	Refer to and ensure the arithmetic passport is checked off	Revision
Times tables to teach and assess <small>including related division facts</small>	2, 4, 5, 10	3, 6, 9, 8	3, 6, 9, 8	7, 9, 11, 12	7, 9, 11, 12	Timetables test out of 99

Summer 2 Week	1	2	3	4	5	6
Power maths unit	Unit 14: Angles and properties of shapes	Unit 14: Angles and properties of shapes	Unit 15: Statistics	Unit 15: Statistics	Class need	Assessment week and revision/catch up
Arithmetic <small>Based on teacher assessment and analysis of NTS and half termly tests</small>	Half termly test – rising stars Column addition and subtracting with exchanging	Column addition and subtracting with exchanging	Expanded column multiplication	Division using chunking on a number line	Addition, subtraction, multiplication and division using missing numbers to consolidate the inverse	Revision
Times tables to teach and assess <small>including related division facts</small>	<small>Class need and Introduce the use of maths frame to answer a range of times table questions. Target focus groups. Children to practice answering online.</small>					