

YEAR 3 MATHS LTP

Each week of each half term	1	2	3	4	5	6
Timesable chants (tricky facts)	<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 •Hurtling 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 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	3 weekly test 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	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 Column subtraction	Column subtraction with exchanging	Addition and subtraction using missing numbers to consolidate the inverse	3 weekly test 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 Multiplying and dividing by 10 using whole numbers	Multiplying and dividing by 10 using whole numbers	Doubling and halving 2 digit numbers	3 weekly test 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 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	3 weekly test 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 Ordering fractions with different denominators on a number line	Ordering fractions using <> symbols	Adding fractions with the same denominator.	3 weekly test 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 Column addition and subtracting with exchanging	Column addition and subtracting with exchanging	Expanded column multiplication	3 weekly test 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>	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.					