



Big Maths Long Term Planning Ravenclaw Mrs Ford

| | Year One Objectives | Year Two Objectives |
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| AUTUMN TERM | <p>COUNTING <i>Saying Numbers:</i> I can count from 60 to 69 I can count to 100 <i>Reading Numbers:</i> I can read 2d multiples of 10 I can read 2d numbers <i>Mastery of Numbers:</i> I can understand numbers to 10 Counting Multiples: I can count in 5s</p> | <p>COUNTING <i>Reading Numbers:</i> I can read 3d multiples of 100 <i>Place Value:</i> I can partition a 2d number <i>Mastery of Numbers:</i> I can understand numbers to 20 <i>Counting Multiples:</i> I can count in 2s 100s <i>Along in 4 Ways:</i> I can count in 100s / 200s / 500s / 2500s</p> |
| | <p>LEARN ITS +: 1 + 9, 2 + 8, 3 + 7, 4 + 6, 5 + 5; x: Multiples of 5</p> | <p>LEARN IT'S +: 3 + 8, 3 + 9, 4 + 7, 4 + 8, 4 + 9; x: 10x table</p> |
| | <p>IT'S NOTHING NEW <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Doubling with Pim (without crossing 10):</i> I can double 1d numbers <i>Number Bonds to 10:</i> I can find the missing piece to 10</p> | <p>IT'S NOTHING NEW <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Addition and Subtraction:</i> I can add tens <i>Doubling with Pim (with crossing 10):</i> I can double 2d multiples of 10 <i>Halving with Pim:</i> I know half of 30, 50, 70, 90 <i>Doubling with Pim (without crossing 10):</i> I can double 2d numbers <i>Number Bonds to 10:</i> I can find the missing piece to 10 <i>Fact Families:</i> I can turn 1d + 1d facts into multiples of 10</p> |
| | <p>CALCULATION <i>Addition:</i> I can add numbers of objects to 10 <i>Subtraction:</i> I can take away numbers of objects to 10 <i>Multiplication:</i> I can find the total amount of blocks <i>Division:</i> I can share 6, 9, 12 or 15 objects between 3 people</p> | <p>CALCULATION <i>Addition:</i> I can add 1 to a 2d number I can add 10 to a 2d tens number I can add 10 to any 2d number <i>Subtraction:</i> I can take 10 from a multiple of 10 I can take 10 from a 2d number I can take a multiple of 10 from a multiple of 10 <i>Multiplication:</i> I can write out repeated addition I can solve repeated addition I can find how many altogether by counting in 2s, 5s or 10s</p> |

SPRING TERM

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| | <p>COUNTING <i>Saying Numbers:</i> I can count to 100 <i>Reading Numbers:</i> I can read 3d multiples of 100 <i>Mastery of Numbers:</i> I can understand numbers to 10 I can understand numbers to 20 <i>Counting Multiples:</i> I can count in 5s</p> | <p>COUNTING <i>Reading Numbers:</i> I can read 3d numbers <i>Place Value:</i> I can partition a 2d number <i>Mastery of Numbers:</i> I can understand numbers to 20 <i>Counting Multiples:</i> I can count in 2s <i>Count Along in 4 Ways:</i> I can count in 10s / 20s / 50s / 250s 50s 100s / 200s / 500s / 2500s 500s 1000s / 2000s / 5000s / 2.5s 5000s Tenths / Fifths / Halves / Quarters 1/2s</p> |
| | <p>LEARN IT'S +: 4 + 2, 5 + 2, 6 + 2, 7 + 2, 9 + 2, 4 + 3, 5 + 3, 6 + 3</p> | <p>LEARN IT'S +: 5 + 4, 5 + 6, 6 + 7, 8 + 7, 8 + 9; x: 5x table</p> |
| | <p>IT'S NOTHING NEW <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Doubling with Pim (without crossing 10):</i> I can double 2d multiples of 10 <i>Number Bonds to 10:</i> I can find the missing piece to 10</p> | <p>IT'S NOTHING NEW <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Addition and Subtraction:</i> I can add hundreds <i>Doubling with Pim (with crossing 10):</i> I can double 2d multiples of 10 <i>Halving with Pim:</i> I know half of 30, 50, 70, 90 <i>Doubling with Pim (without crossing 10):</i> I can double 2d numbers <i>Number Bonds to 10:</i> I can find the missing piece to the next multiple of 10 <i>Finding Multiples:</i> I can find Mully using my tables <i>Fact Families:</i> I can turn 1d + 1d facts into multiples of 10</p> |
| | <p>CALCULATION <i>Addition:</i> I can read a number sentence I can arrange a number sentence I can solve a number sentence I can solve addition on a number line <i>Subtraction:</i> I can read a subtraction number sentence I can arrange a subtraction number sentence I can solve a subtraction number sentence I can solve subtraction on a number line <i>Multiplication:</i> I can find the total amount of blocks <i>Division:</i> I can share 6, 9, 12 or 15 objects into 3</p> | <p>CALCULATION <i>Addition:</i> I can add a 1d number to a 2d tens number I can solve 2d + 1d I can add a 2d tens number to another one I can solve any 1d + 1d in my head <i>Subtraction:</i> I can take a 1d number from a multiple of 10 I can solve 2d - 1d I can solve any 2d - 1d I can solve any 3d - 1d <i>Multiplication:</i> I can solve repeated addition <i>Division:</i> I can arrange a division number sentence</p> |

SUMMER TERM

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| | | <p>I can solve a division number sentence with objects I can solve division, using objects (with remainders)</p> |
| | <p><u>COUNTING</u> <i>Saying Numbers:</i> I can count past 100 <i>Reading Numbers:</i> I can read 3d multiples of 100 <i>Place Value:</i> I can partition a 2d number <i>Mastery of Numbers:</i> I can understand numbers to 20 <i>Counting Multiples:</i> I can count in 2s <i>Count Along in 4 Ways:</i> I can count in 1s / 2s / 5s / 25s</p> | <p><u>COUNTING</u> <i>Reading Numbers:</i> I can read 3d numbers <i>Place Value:</i> I can partition a 2d number <i>Mastery of Numbers:</i> I can understand 2d numbers Multiples I can count in 3s <i>Count Along in 4 Ways:</i> I can count in 10s / 20s / 50s / 250s 20s 100s / 200s / 500s / 2500s 200s 1000s / 2000s / 5000s / 2.5s 2000s Tenths / Fifths / Halves / Quarters 1/4s <i>Counting Along Scales:</i> I can count along when the numbers are written in</p> |
| | <p><u>LEARN IT'S</u> +: 6 + 6, 7 + 7, 8 + 8, 9 + 9; x: Multiples of 2</p> | <p><u>LEARN IT'S</u> +: 5 + 7, 5 + 8, 5 + 9, 6 + 8, 6 + 9, 7 + 9; x: 2x table</p> |
| | <p><u>IT'S NOTHING NEW</u> <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Doubling with Pim (with crossing 10):</i> I can double 1d numbers <i>Halving with Pim:</i> I can find half of 3,5,7,9 <i>Doubling with Pim (without crossing 10):</i> I can double 2d multiples of 10 <i>Number Bonds to 10:</i> I can find the missing piece to 10 <i>Fact Families:</i> I know the Fact Families for 1d + 1d facts</p> | <p><u>IT'S NOTHING NEW</u> <i>Swapping the Units:</i> I can swap 'the thing' to another object <i>Addition and Subtraction:</i> I can add thousands <i>Doubling with Pim (without crossing 10):</i> I can double 2d numbers <i>Doubling with Pim (with crossing 10):</i> I can double 2d numbers <i>Halving with Pim:</i> I know half of 300, 500, 700, 900 <i>Number Bonds to 10:</i> I can find the missing piece to 100 <i>Multiplying by 10:</i> I can multiply whole numbers by 10 <i>Dividing by 10:</i> I can divide multiples of 10 by 10 <i>Coin Multiplication:</i> I can complete a 1, 10 card I can complete a 1, 2, 5, 10 card <i>Finding Multiples:</i> I can find Mully using my tables <i>Fact Families:</i> I know the Fact Family when given a single addition fact I know the Fact Families for 1d x 1d facts</p> |
| | <p><u>CALCULATION</u> <i>Addition:</i> I can add 1 to a number up to 20 I can add 2 or 3 to a number up to 20</p> | <p><u>CALCULATION</u> <i>Addition:</i> I can solve any 2d + 1d I can add any 2d tens number to another one</p> |

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| | <p>I can add a 1d number to a number to 20</p> <p><i>Subtraction:</i></p> <p>I can take 1 from a number to 20</p> <p>I can take 2 or 3 from a number to 20</p> <p>I can take a 1d number from a number to 20</p> <p><i>Multiplication:</i></p> <p>I can draw out groups of dots</p> <p>I can find the total amount of dots</p> <p><i>Division:</i></p> <p>I can share 8, 12, 16 or 20 objects between 4 people</p> <p>I can share 8, 12, 16 or 20 objects into 4</p> <p>I can share equally to solve division problems</p> <p>I can make groups of 2, 5 or 10</p> <p>I can find how many altogether by counting through each group</p> | <p>I can add a 2d tens number to a 2d number</p> <p>I can add any 2d tens number to a 2d number</p> <p>I can add a 2d number to a 2d number</p> <p><i>Subtraction:</i></p> <p>I can spot the next multiple of 10</p> <p>I can count to the next multiple of 10</p> <p>I know the gap to the next multiple of 10</p> <p>I know the 1d gap from a multiple of 10</p> <p>I know the total gap across a multiple of 10</p> <p>I can take a multiple of 10 from any 2d number</p> <p>I can find the 2 gaps in a 2d - 2d question</p> <p>I can solve any 2d - 2d</p> <p><i>Multiplication:</i></p> <p>I can solve 1d x 1d (2, 3, 4, 5x tables)</p> <p><i>Division:</i></p> <p>I can use a Tables Fact to find a division fact (2, 3, 4, 5x tables)</p> <p>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables)</p> |
| | | <p><u>COLUMN METHODS</u></p> <p><i>Addition - Column Methods:</i></p> <p>I can solve a 2d + 2d</p> <p><i>Subtraction - Column Methods:</i></p> <p>I can solve a 2d - 2d</p> |