

Fluency Development (Key Instant Recall Facts and Skills) Teach these during maths starter.

Key Skills

Autumn	Spring	Summer
Consolidation of place value throughout and AFL Representations of numbers Counting in multiples Y 4 - 3, 6, 9, 25, 100 and 1000 Find ___ more and ___ less than a number Ordering numbers Read and write numbers in numerals and words Partitioning of numbers Mental addition and subtraction	Consolidation of place value throughout and AFL Representations of numbers Counting in multiples Y4 - 3, 6, 9, 7, 11, 25, 100, 1000 Find ___ more and ___ less than a number Ordering numbers Read and write numbers in numerals and words Partitioning of numbers Mental addition and subtraction Roman numerals Comparing numbers (<, > or =) Rounding	Consolidation of place value throughout and AFL Representations of numbers Counting in multiples Y4 - 3, 6, 7, 9, 11, 12, 25, 100 and 1000 Find ___ more and ___ less than a number Ordering numbers Read and write numbers in numerals and words Partitioning of numbers Mental addition and subtraction Roman numerals Comparing numbers (<, > or =) Rounding Year 4 - Counting through negative numbers

Multiplication timetable : teach these during maths retrieval

Autumn 1	Spring 1	Summer 1
4 and 8 times table	7 times table	Consolidation
Consolidation	Spring 2	Summer 2
3 and 6 times table	12 times table	Consolidation

**Also, ensure revision of previous KIRFs. See KIRF progression map **

Topic Progression



Pictorial and abstract representations can be used alongside each other.
 Refer to the calculation policy for representations.
 Children expected to draw representations in books.
 Teach one representation at a time.
 Use real life experiences/data collection to support understanding.

Autumn 1	Spring 1	Summer 1
<p>Number Place Value (4 weeks) (Application of measure where appropriate) Possible apparatus: dienes and place value counters.</p> <p>Addition and subtraction (3 weeks) (Application of measure (incl. money) where appropriate) Possible apparatus: dienes and place value counters. (7 weeks)</p>	<p>Number (3 weeks) (Application of measure (incl. time and money) where appropriate) Fractions and Decimals Possible apparatus/representation: bar models.</p> <p>Measure (2 weeks) (Properties of shape) Length, Perimeter and Area</p> <p>Geometry (2 weeks) properties of shape including angles One lesson every other week retrieval style arithmetic</p> <p>Every Friday complete times tables on urbrainy.com/mtc (7 Weeks)</p>	<p>Measure (3 weeks) Length, Height, Time Measure Money (incl. decimals) (2 week)</p> <p>One lesson every other week retrieval style arithmetic</p> <p>Every Friday complete times tables on urbrainy.com/mtc</p> <p>(5 Weeks)</p>
Autumn 2	Spring 2	Summer 2
<p>Number Multiplication and Division (3 weeks) (Application of measure (incl. money) where appropriate) Possible apparatus: dienes and place value counters.</p> <p>Statistics (2 weeks)</p> <p>Four operations including problems. (1 weeks) Possible apparatus: dienes and place value counters. (6 Weeks to allow for adjustments)</p>	<p>Number (3 weeks) (Application of measure (incl. time and money) where appropriate) Fractions and Decimals Possible apparatus/representation: bar models.</p> <p>Number Four operations problems (2 weeks) (Application of measure (incl. money) where appropriate) Possible apparatus: dienes and place value counters. One lesson every other week retrieval style arithmetic</p> <p>Time (1 week)</p> <p>Every Friday complete times tables on urbrainy.com/mtc</p> <p>(6 Weeks)</p>	<p>Measure Money (incl. decimals) (1 week)</p> <p>Number (1 weeks) (Application of measure (incl. time and money) where appropriate) Fractions and Decimals Possible apparatus/representation: bar models.</p> <p>Consolidation/ Geometry (2 weeks) Position and Direction</p> <p>Number Four operations problems (2 weeks) (Application of measure (incl. money) where appropriate) Possible apparatus: dienes and place value counters. One lesson every other week retrieval style arithmetic</p> <p>Every Friday complete times tables on urbrainy.com/mtc</p> <p>(7 Weeks)</p>