

Spaced Retrieval

Year 3-4: Autumn



Week	Addition / PV	Subtraction / PV	Multiplication	Division	Fractions	GMS
1	Fact Fluency within 10 (KS1)	Fact Fluency within 10 (KS1)	Doubles to 20 (Y2)	Halves to 20 (Y2)	Rec & find halves of shapes (Y1)	2d shape properties (Y2)
2	Ten & a bit/Bit and 10 (KS1)	Teen take bit/teen take 10 (KS1)	Near Doubles to 20 (Y2)	Near Halves to 20 (Y2)	Rec & find halves of amounts (Y1)	Length (Y2)
3	Fact Fluency across 10 (KS1)	Fact Fluency across 10 (KS1)	x10 table(Y2)	x10 table(Y2)	Rec & find $\frac{1}{4}$ of shapes (Y2)	3d shape properties (Y2)
4	Applied Fact Fluency (KS1)	Applied fact Fluency (KS1)	x5 table(Y2)	x5 table(Y2)	Rec & find $\frac{1}{4}$ of amounts (Y2)	Mass (Y2)
5	TO + TO (KS1)	TO – TO (KS1)	x2 table(Y2)	x2 table(Y2)	Rec & find $\frac{3}{4}$ of shapes (Y2)	Patterns (Y1)
6	Fact Fluency across 10 (KS1)	Fact Fluency across 10 (KS1)	Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Rec & find $\frac{3}{4}$ of amounts (Y2)	Capacity (Y2)
7	Applied Fact Fluency (KS1)	Applied fact Fluency (KS1)	Equal Groups (Y2)	Division by sharing (Y2)	Rec & find $\frac{1}{3}$ of shapes (Y2)	Block Charts (Y2)
8	PV: value of digits, partition, compare, order (Y3-4)		Repeated + (Y2)	Division by grouping (Y2)	Rec & find $\frac{1}{3}$ of amounts (Y2)	Temperature (Y2)
9	PV: rounding (Y3-4)		Repeated + & multiplication (Y2)	Division by skip counting (Y2)	Rec & find halves of shapes (Y1)	Read Coordinates (Y3-4)
10	TO + TO (KS1)	TO – TO (KS1)	Multiplication equations (Y2)	Division equations (Y2)	Rec & find halves of amounts (Y1)	Time (units of) KS1
11	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Doubles to 20 (Y2)	Halves to 20 (Y2)	Rec & find $\frac{1}{4}$ of shapes (Y2)	Pictograms (Y2)
12	PV: value of digits, partition, compare, order (Y3-4)		Near Doubles to 20 (Y2)	Near Halves to 20 (Y2)	Rec & find $\frac{1}{4}$ of amounts (Y2)	Time to quarter to (Y2)
13	PV: rounding (Y3-4)		x10 table(Y2)	x10 table(Y2)	Rec & find $\frac{3}{4}$ of shapes (Y2)	Plot Coordinates (Y3-4)
14	Mental Methods (Y3-4)	Mental Methods (Y3-4)	x5 table(Y2)	x5 table(Y2)	Rec & find $\frac{3}{4}$ of amounts (Y2)	Read time to 5 minutes (Y2)
15	Written Methods (Y3-4)	Written Methods (Y3-4)	x2 table(Y2)	x2 table(Y2)	Rec & find $\frac{1}{3}$ of shapes (Y2)	Translations (Y3-4)

Spaced Retrieval

Year 3-4: Spring



Week	Addition	Subtraction	Multiplication	Division	Fractions	GMS
1	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Rec & find $\frac{1}{3}$ of amounts (Y2)	Line Charts (Y3-4)
2	Written Methods (Y3-4)	Written Methods (Y3-4)	Equal Groups (Y2)	Division by sharing (Y2)	Rec & find halves of shapes (Y1)	2D & 3D Shape (KS1)
3	PV: value of digits, partition, compare, order (Y3-4)		Repeated + (Y2)	Division by grouping (Y2)	Rec & find halves of amounts (Y1)	Block (Y2) & Bar Charts (Y3-4)
4	PV: rounding (Y3-4)		Repeated + & multiplication (Y2)	Division by skip counting (Y2)	Rec & find $\frac{1}{4}$ of shapes (Y2)	Mass & Capacity (Y2)
5	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Multiplication equations (Y2)	Division equations (Y2)	Rec & find $\frac{1}{4}$ of amounts (Y2)	Length Conversions (3-4)
6	Written Methods (Y3-4)	Written Methods (Y3-4)	$\times 10, 100$ (Y3-4)	$\div 10, 100$ (Y3-4)	Rec & find $\frac{3}{4}$ of shapes (Y2)	Perimeter (Y3-4)
7	PV: value of digits, partition, compare, order (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Rec & find $\frac{3}{4}$ of amounts (Y2)	Reading Time (Y2)
8	PV: rounding (Y3-4)		Equal Groups & Repeated + (Y2)	Division by group & share (Y2)	Rec & find $\frac{1}{3}$ of shapes (Y2)	Coordinates (Y3-4)
9	Mental Methods (Y3-4)	Mental Methods (Y3-4)	$\times 10, 100$ (Y3-4)	$\div 10, 100$ (Y3-4)	Rec & find $\frac{1}{3}$ of amounts (Y2)	Units of Time (Y2)
10	Written Methods (Y3-4)	Written Methods (Y3-4)	Scaled Facts (Y3-4)	Scaled Facts (Y3-4)	Rec & find halves of shapes (Y1)	Length Conversions (3-4)
11	PV: value of digits, partition, compare, order (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Rec & find halves of amounts (Y1)	Perimeter (Y3-4)

Spaced Retrieval

Year 3-4: Summer



Week	Addition	Subtraction	Multiplication	Division	Fractions	GMS
1	PV: rounding (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Quarters (Y2)	Mass & Capacity (Y3-4)
2	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Equal Groups & Repeated + (Y2)	Division by group & share (Y2)	Thirds (Y2)	Line Charts (Y3-4)
3	Written Methods (Y3-4)	Written Methods (Y3-4)	x10, 100 (Y3-4)	÷10, 100 (Y3-4)	Unit fractions (Y3-4)	Reading Time (Y2)
4	PV: value of digits, partition, compare, order (Y3-4)		Scaled Facts (Y3-4)	Scaled Facts (Y3-4)	Non-unit fractions (Y3-4)	Shape & Patterns (KS1)
5	PV: rounding (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Mixed into improper & vice-versa (Y3-4)	Length Conversions (3-4)
6	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Equal Groups & Repeated + (Y2)	Division by group & share (Y2)	Unit fractions of amounts (Y3-4)	Perimeter (Y3-4)
7	Written Methods (Y3-4)	Written Methods (Y3-4)	x10, 100 (Y3-4)	÷10, 100 (Y3-4)	Add/take proper fractions (Y3-4)	Block & Bar Charts (Y2,3-4)
8	PV: value of digits, partition, compare, order (Y3-4)		Scaled Facts (Y3-4)	Scaled Facts (Y3-4)	Add/take mixed numbers (Y3-4)	Coordinates (Y3-4)
9	PV: rounding (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	ID/compare/order unit/non-unit (Y3-4)	Units of Time (Y2)
10	Mental Methods (Y3-4)	Mental Methods (Y3-4)	Equal Groups & Repeated + (Y2)	Division by group & share (Y2)	Mixed into improper & vice-versa (Y3-4)	Temperature (Y3-4)
11	Written Methods (Y3-4)	Written Methods (Y3-4)	x10, 100 (Y3-4)	÷10, 100 (Y3-4)	Unit fractions of amounts (Y3-4)	Mass & Capacity (Y3-4)
12	PV: value of digits, partition, compare, order (Y3-4)		Scaled Facts (Y3-4)	Scaled Facts (Y3-4)	Add/take proper fractions (Y3-4)	Shape (Y3-4)
13	PV: rounding (Y3-4)		Multiplying with 1 and zero (Y2)	Dividing by 1 and itself (Y2)	Add/take mixed numbers (Y3-4)	Time (Y3-4)