



Maths Vocabulary at Toftwood Federation

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	number same equal compare order odd even how many...? pattern	number same equal compare order odd even partition place value digit ones tens numerals column more less most least same pattern	number same equal compare order odd even partition place value digit numerals pattern ones tens hundred equal more less column	number same equal compare order odd even partition place value digit hundreds, tens, ones thousand(s) most least more greater less estimate	number same equal compare order odd even partition place value digit thousand represent estimate round integer	number same equal compare order odd even partition place value digit Hundreds Thousands Ten Thousands Millions tenths hundredths thousandths Numerals Position Estimate Positive Negative Round Decimals Decimal place Integer Decimal Point	number same equal compare order odd even partition place value digit Hundred Thousand Ten thousand Million Ten million Tenths Hundredths Thousandths Million Billion Positive Negative Integer Decimal Decimal Point Decimal Place(s) Round

						Greater than, > Less than, <	Greater than, > Less than, <
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition and Subtraction	add plus total altogether more take (away) subtract less fewer equals double calculation	add plus total altogether more take (away) subtract less fewer difference equals ten(s) one(s) column partition double calculation	add plus total altogether more take (away) subtract less fewer minus difference equals ten(s) one(s) hundred(s) exchange column partition commutative inverse double calculation	add plus total altogether more take (away) subtract less fewer double difference equals hundred ten one exchange column digit columnar column addition	add plus total altogether more take (away) subtract less fewer equals minus calculation order estimate inverse operation check make exchange	add plus total altogether more take (away) subtract less fewer mentally formal method column method integer decimal sum difference represent estimate round approximate	add plus total altogether more take (away) subtract less fewer mentally formal method column method integer decimal sum difference represent estimate round approximate formula term

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication and Division	<p>group(s) equal pattern share double fair odd even</p>	<p>multiply repeated addition group(s) equal pattern share divide double odd even times table array columns rows</p>	<p>multiply repeated addition group(s) equal pattern share divide double odd even times table array columns rows inverse commutative</p>	<p>multiply repeated addition group(s) equal pattern share divide tenth times table multiple array row column scaling larger/smaller product divided by partition</p>	<p>multiply repeated addition group(s) equal pattern share divide product represent estimate round approximate dividend divisor remainder order of balance exchange commutative factor factor pair multiple common factor common multiple</p>	<p>multiply repeated addition groups equal pattern share divide product represent estimate round approximate formula divide dividend divisor remainder brackets balance exchange prime number composite number factor factor pair</p>	<p>multiply repeated addition groups equal pattern share divide product represent estimate round approximate formula term dividend divisor remainder round order of operations brackets balance solve exchange</p>

						multiple common factor common multiple squared cubed	
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions	part whole double share	part whole fraction denominator numerator share half quarter equal division group	part whole fraction denominator numerator share half quarter third equal division unit fraction non-unit fraction represent quantity	part whole fraction denominator numerator proportion out of sharing half third quarter fifth sixth seventh eighth ninth tenth shared between unit fraction non-unit fraction	part whole fraction denominator numerator equivalent simplify multiple common compare order improper fraction mixed number decimal tenths hundredths multiplier divisor times	part whole fraction denominator numerator equivalent simplify factor multiple common improper fraction mixed number decimal percentage % proportion tenths hundredths scaling proportion	part whole fraction denominator numerator equivalent simplify factor multiple common Improper fraction mixed number decimal percentage % proportion tenths hundredths scaling proportion

				represent position array		scaled up/down scale factor similar ratio	scaled up/down scale factor similar ratio
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Properties of Shape	shape pattern 2D 3D flat solid round corner side face vertices (vertex) edge curved straight repeating	shape pattern 2D 3D flat solid corner side face vertices (vertex) edge straight curved repeating	shape pattern 2D 3D flat solid corner side face surface vertices (vertex) edge straight curved repeating base symmetrical line of symmetry	shape pattern 2D 3D flat solid corner side face surface vertices (vertex) edge angle horizontal vertical parallel perpendicular	shape pattern 2D 3D flat solid corner side face surface vertices (vertex) edge angles degrees net regular irregular properties base	shape pattern 2D 3D flat solid corner side face surface vertices (vertex) edge angles degrees net regular properties lines net	shape pattern 2D 3D flat solid corner side face surface vertices (vertex) edge angles degrees net regular properties regular properties net

			sort classify compare same different regular irregular		horizontal vertical polygon quadrilateral perpendicular parallel scalene isosceles equilateral acute obtuse	base isometric horizontal parallel	sides faces edges vertices base length width height depth
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement	length, width, height, depth long, short, tall high, low wide, narrow deep, shallow longer, shorter, taller, higher weigh balanced heavy/light scales weight full half full empty container day, week	big small tall short long heavy light taller shorter longer heavier lighter full half full empty less more centimetre	temperature width length height millilitre litre centimetre metre gram kilogram scales balanced second minute hour o'clock half past quarter past	perimeter length area base width height parallelogram volume clock second minute hour week month year calendar evening midnight	perimeter length area mm ² m ² cm ² width height	perimeter length area mm ² m ² cm ² base width breadth height parallelogram volume km ³ m ³ cm ³ mm ³	perimeter length area mm ² m ² cm ² base width height parallelogram volume km ³ m ³ cm ³ mm ³

	morning, afternoon, evening, today, yesterday, tomorrow coins notes pounds pence	metre gram kilogram day week month year o'clock half past coins notes pounds pence value	quarter to analogue day week month year coins notes pounds pence less more compare value	noon analogue clock minutes past/ to quarter past / to half past o'clock			
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position and Direction	size order last first before after next between above below in front behind next to beside far near	position direction movement back backwards forwards turn half quarter full up down left right clockwise anticlockwise	position direction movement left right turn half quarter whole clockwise anticlockwise compass (north, east, south, west)	movement full turn complete half turn quarter turn three quarter direction left/right clockwise anticlockwise right angle coordinate point axes x-axis y-axis	transformation object coordinate brackets point vertex axes x-axis y-axis reflection mirror line translation	transformation object image coordinate point vertex axes x-axis y-axis origin reflection mirror line translation congruent	coordinate x coordinate y coordinate quadrant negative axis x-axis y-axis first quadrant 2nd quadrant 3rd quadrant 4th quadrant origin horizontal vertical plot

	on top			origin reflection mirror line			construct coordinate grid
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Statistics			results data list categories tally (chart) frequency table pictogram key symbol block diagram/chart construct most least difference total labels axes	data categories pictogram key symbol tally bar chart difference bar chart prediction key symbol	pictogram proportion compare line graph bar chart tally axes scale prediction	pie chart proportion scaled up/scaled down compare line graph axes prediction trend	pie chart proportion scaled up/scaled down compare line graph axes scale prediction mean average

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Algebr			multiply divide place value			multiply divide place value	multiply divide place value

			problem solve context missing number value algebra unknown			context missing number order of operations value algebra variable unknown solution pairs of values	context missing number order of operations value equation expression algebra variable unknown solution pairs of values
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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Ratio and Proportion				fraction denominator numerator proportion unit fraction non-unit fraction bar model array		fraction denominator numerator equivalent simplify factor multiple improper fraction mixed number decimal percentage tenths hundredths multiplier, divisor	fraction denominator numerator equivalent simplify Factor multiple improper fraction mixed number decimal percentage proportion tenths hundredths scaling proportion scale factor ratio

