Big Maths Medium Term Plan

Year 4 Term 1



CLIC Term 1

Counting



Learn Its

Learn Its



13. The 6 Fact Challenge

It's Nothing New

Swapping the Units	Completed
INN: Addition and Subtraction	3. I can add thousands
Halving with Pim	3. I know half of 300, 500, 700, 900
Doubling with Pim (without crossing 10)	Completed
Doubling with Pim (with crossing 10)	Completed
INN: Number Bonds to 10	4. I can find the missing piece to 1000
Dividing by 10	1. I can divide multiples of 10 by 10
Multiplying by 10	2. I can multiply whole numbers by 100
INN: Multiplication	3. I can write Smile Multiplication Fact Families
Coin Multiplication	3. I can complete a full Coin Card
INN: Finding Multiples	2. I can find Mully using 10 lots and a Tables Fact
Multiple-Factor-Prime	Starts in a later term
INN: Fact Families	Completed

Calculation

Addition	28 . I can solve 3d + 3d	
Subtraction	29. I can subtract with 3 digit numbers	
Multiplication	12. I can solve any 1d x 1d	
NEV	13. I can do any Smile Multiplication	
Division	19. I can combine 2 or more Tables Facts to solve division (with remainders) (2, 3, 4, 5x tables)	
Column Methods		
Addition - Column M e thods	6 . I can solve any 3d + 3d	
Subtraction - Column NEW Methods	6. I can solve any 4d - 2d or 3d	
Multiplication - Column M e thods	1 . I can solve a 2d x 1d	
Division - Column Methods	2. I can solve 2d ÷ 1d (using x2, 3, 4, 5) with no remainders in the answer	

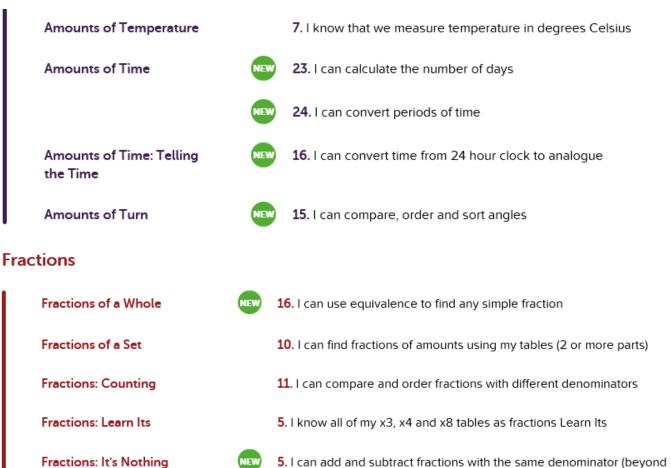
SAFE Term 1

Shape

Explore and Draw	NEW	20. I can find symmetry when shapes are in different orientations
2D Shapes	NEW	21. I know 'The Triangle Family'
3D Shapes		19. I can make 3D shapes
Position and Direction		14. I can use simple grid references

Amounts

Amounts of Distance	19. I can calculate to find the perimeter
NEW	20. I can find the perimeter in a variety of 2D shapes
	21. I know my kilometre Learn It: 1km = 1000m
NEW	22. I can convert kilometres to metres
Amounts of Mass	15. I can measure and record mass to the nearest 5g
NEW	16. I can convert kilograms to grams
Amounts of Money	15. I can use decimal notation for money
Amounts of Space	15. I understand that the area is the amount of space inside a 2D shape and I can count squares to find it
NEW	16. I can find the area of rectangles by counting squares
NEW	17. I can compare the areas of different shapes by counting squares
NEW	18. I can compare the areas of different shapes by accurately counting squares and part squares



Fractions: It's Nothing New

Fractions: Calculation

Percentages

Ratio

Starts in a later term

whole number

1)

3. I can increase measures by a given proportion

4. I can use my calculation skills to add/subtract fractions that make a

Explaining Data

Diagrams and Tables	20. I can read timetables
Bar Charts	9. I can compare subsets and explain what this tells us
Averages	Starts in a later term
Line Graphs	2. I can track my own Big Maths Beat That! scores with a line graph

Dangerous Maths

Pattern Spotting	9. I can spot and extend more challenging patterns of shapes
Algebra	4. I can use a two-step function machine
Prove It!	3. I can Prove It! - 3