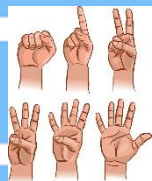
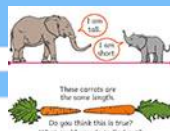


Preschool

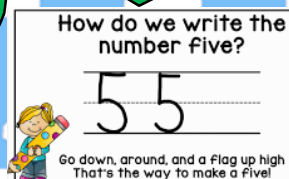
Place Value – recite numbers past 5
Cardinal principle
Subitise – recognise without counting up to 3
Show finger numbers to 5



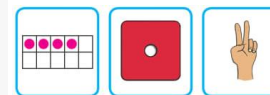
Length and Weight and capacity – compare between
Shape – talk about 2d and 3d shapes using informal language
Select shapes appropriately: flat surfaces for building etc.
Position and direction – understand position of objects without pointing
Describe a familiar routine



Patterns – identify patterns
Write numbers – link symbols with cardinal number value up to 5
Time – begin to describe sequences of events



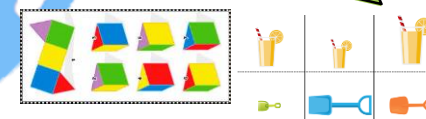
RECEPTION



Addition and Subtraction – Number bonds to 10
Write numbers – link symbols with cardinal number value
Numbers – count beyond 20
compare and order up to 10



Length and Weight and capacity – compare between
Shape – select, rotate and manipulate shapes for spatial reasoning
Position and direction – draw information from a simple map

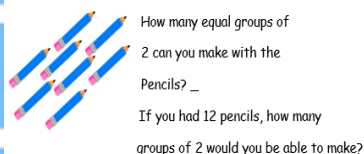
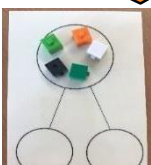
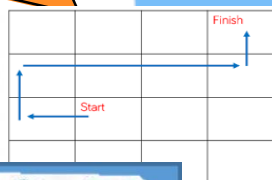


Place Value – Numbers to 20
Addition and Subtraction – Numbers within 20, including recognising money
Multiplication – place value to 50 and grouping numbers

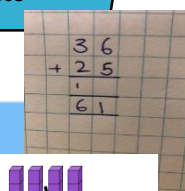
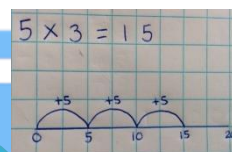
Division – Grouping small quantities
Numbers to 100
Length and Height – for example long/short
Shape – recognise 2D and common 3D shapes
Fractions – halves and quarters

YEAR ONE

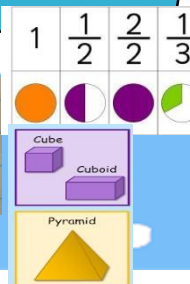
Position and direction – whole/half/quarter and three quarter turns
Weight and volume – heavy/ light, full, half full empty
Time – hour and half hour
Four operations recap + - x ÷



Place Value – Numbers to 100
Addition and Subtraction – Numbers within 100, including amounts of money
Multiplication – 2s, 5s and 10s



Division – 2s, 5s and 10s
Length and Height – cm/m
Shape – Properties of 2d and 3D shapes
Fractions – find write and name 1/3, 1/4, 2/4, 3/4



Position and direction – Patterns and sequences . Clockwise/anti-clockwise. Right angles for a quarter
Weight and volume – kg/g
Temperature – degrees
Time – tell the time to 5 mins, quarter past and quarter to. Number of minutes in and hour and hours in a day
Consolidation and Investigations



YEAR TWO

Number and Place Value – numbers to 1000
Addition and Subtraction – Three digit numbers to ones, tens and hundreds
Multiplication and division – 3,4 and 8 times tables

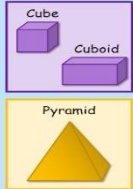
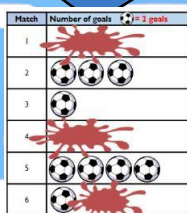
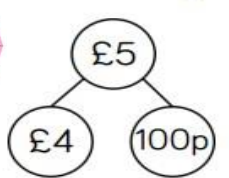
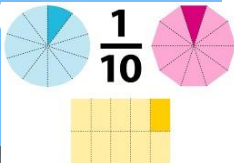
Fractions and decimals – tenths.
 Compare and order unit fractions
Length, area and perimeter – measure, compare add and subtract lengths (m/cm/mm)
Money – add and subtract amounts to give change using both £ and p in practical situations

Money – add and subtract amounts to give change using both £ and p in practical situations
Time – tell and write the time with increasing accuracy to the nearest minute
Shape/Geometry – Draw 2-D shapes and make 3- D shapes
Statistics – Pictograms and tables

Number and Place Value – Numbers using 1000/including negative numbers
Addition and Subtraction – 4 digit numbers
Multiplication and division – recall and use facts up to 12 times tables

Fractions and decimals – hundredths/ recognise and show families of common equivalent fractions
Length, area and perimeter – Convert between different units of measure
Money – calculate and compare money in £s and p

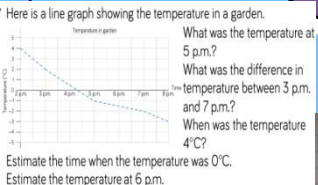
YEAR THREE



YEAR FOUR

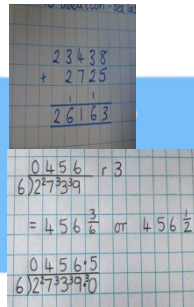
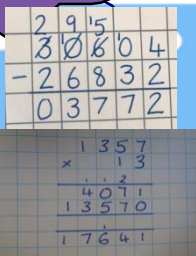
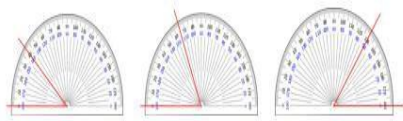
Number and Place Value – Numbers to 1 000 000
Addition and Subtraction – Add and subtract whole numbers with more than four digits
Multiplication and division – Multiples/factors and prime numbers
Statistics – interpret information from line graphs and tables

Fractions, Decimals and Percentages – Calculations based on fractions/decimals and percentages
Geometry - Properties of Shape & Position and Direction – representations, angles, polygons



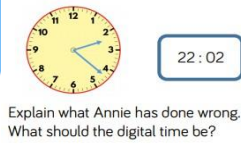
$$\frac{4}{12} = \frac{1}{3}$$

$$\frac{6}{12} = \frac{1}{2}$$



YEAR FIVE

Annie converts the analogue time to digital format.
 Here is her answer.

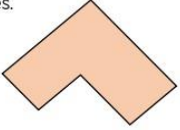


Explain what Annie has done wrong.
 What should the digital time be?



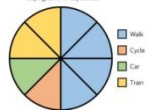
Measure - Perimeter, Area, Volume and Imperial
Time, Fractions, Decimal Percentages & Four Operations
 Conversions, equivalences, calculations and estimates

Measure the perimeter of the shapes.

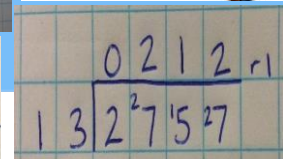
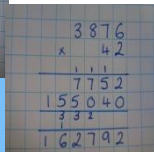
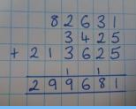


Number and Place Value – Numbers up to 10 000 000
Addition and Subtraction
Multiplication and division
Statistics

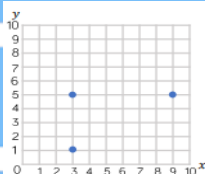
There are 600 pupils at Copingham Primary school.
 Work out how many pupils travel to school by:



- Train
- Car
- Cycling
- Walking



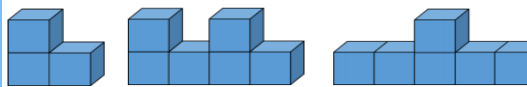
Fractions, Decimals and Percentages
 • **Ratio and Algebra** - Use simple formulae
Geometry - Properties of Shape & Position and Direction



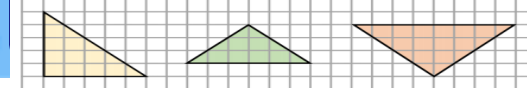
The ratio of red to green marbles is 3 : 7
 Draw an image to represent the marbles.
 What fraction of the marbles are red?
 What fraction of the marbles are green?

Measure - Perimeter, Area, Volume and Imperial
Consolidation

If each cube has a volume of 1 cm³, find the volume of each solid.



Count squares to calculate the area of each triangle.



Match the containers to their estimated capacity.



YEAR SIX

