Maths Fractions, Decimals and Percentages Learning Journey

4:3

YEAR 7

Ratio/proportion

- Describe and solve graphical and algebraic representations
- Compare using ratio
- Simplify ratio
- Solve problems using unequal sharing

Ratio/proportion

- Calculate from a part
- Increase and decrease

Percentages

- Decimal divide by whole number
- Divide to give whole numbers

Decimals

- Fraction x fraction
- Decimal x decimal

Fractions

- Calculate whole from a part
- Mixed number x fraction
- Fraction divide by whole number
- + and – mixed numbers and different denominators

YEAR 6

percentage	fraction	decimal
30%	$\frac{3}{10}$	0.3

Percentages

- Of amounts
- Compare/ convert FDP

Decimals

- Round to whole number and tenths
- + and -

Fractions

- Divide whole numbers to create a fraction
- X fractions and mixed numbers by whole numbers
- Using a range of methods

$2\frac{3}{4} = \frac{11}{4}$

YEAR 5

Decimals

- Round decimals
- Write fractions as decimals
- Compare and order
- Make number patterns

Decimals

- Divide by 10/100
- + and -
- Simplify improper fractions
- Count in hundredths

Fractions

- Mixed numbers

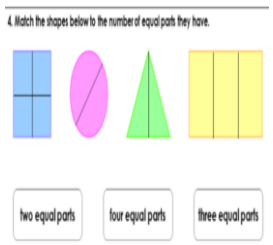
Fractions

- + Unit fraction
- - Unit fraction
- Find equivalent fractions
- Compare fractions
- Fraction pairs that make 1
- Simplify fractions
- Count in tenths

YEAR 4

Fractions

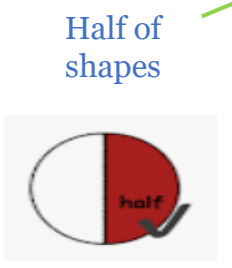
- Fraction of a whole number
- Count whole parts
- Compare and order similar fractions of shapes
- Name fractions by looking at the whole and part
- Thirds in shape and number
- Make equal parts
- Count in halves, quarters and thirds
- Show quarters in a variety of ways
- Count wholes and parts

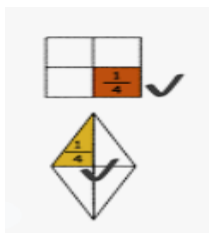


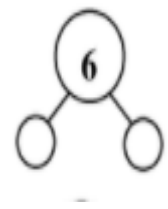
YEAR 3

Fractions

- Half of shapes
- Quarter of shapes
- Share and group objects into halves and quarters
- Half and quarter of a number



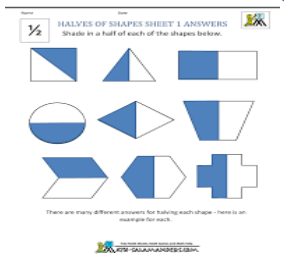




YEAR 2

Fractions

- Halve (objects/shapes)
- What is half?



YEAR 1

EYFS