Grange Primary School
Learning together. Respecting each other. Achieving our potential.

Knowledge Organiser

Year Group	Subject	Topic
Year 2	Maths	Number: Fractions

The Big Picture
Children will be able to recognise, find, name and write fractions 1/2, 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity. Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
Sequence of learning
Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a third Find a third Unit fractions Non-unit fractions Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$ Find three quarters Count in fractions

Fractions — **Knowledge Organiser**

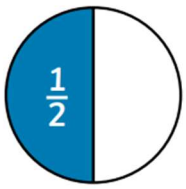
Key Vocabulary

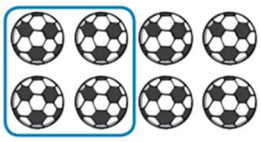
- fraction
- part
- whole
- equal
- share
- half
- quarter
- third
- equivalent
- numerator
- denominator

Recognising Unit Fractions

Half

A whole split into two equal parts.

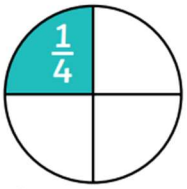


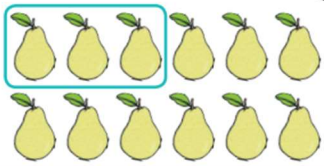


$\frac{1}{2}$ of 8 = 4

Quarter

A whole split into four equal parts.

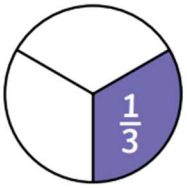




$\frac{1}{4}$ of 12 = 3

Third

A whole split into three equal parts.

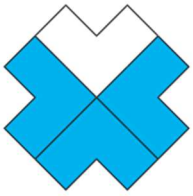


$\frac{1}{3}$ of 6 = 2

Non-unit Fractions

$\frac{2}{3}$

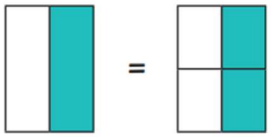
$\frac{3}{4}$



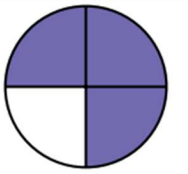
Fractions — Knowledge Organiser

Equivalent Fractions

$\frac{1}{2} = \frac{2}{4}$



Numerator and Denominator



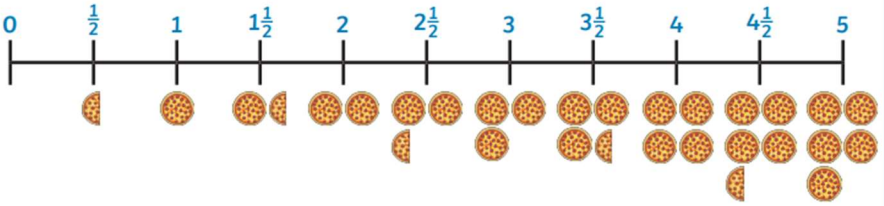
$\frac{3}{4}$

Numerator
How many equal parts of the whole are needed?

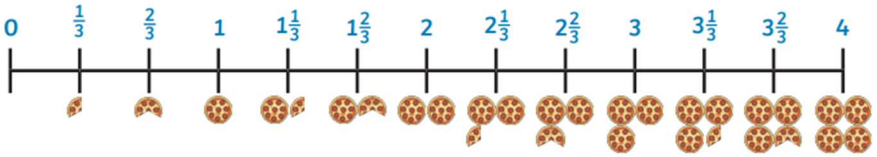
Denominator
How many equal parts are in the whole?

Counting in Fractions

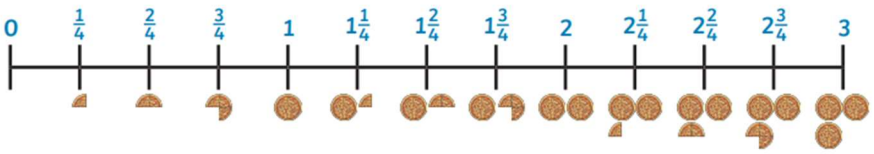
Halves



Thirds



Quarters



Practise counting forwards and backwards in 2's, 3's and 5's everyday.												
Count in 2's	2	4	6	8	10	12	14	16	18	20	22	24
Count in 3's	3	6	9	12	15	18	21	24	27	30	33	36
Count in 5's	5	10	15	20	25	30	35	40	45	50	55	60