

Fractions at Cupernham Infant School

Key vocabulary

- Part
- Whole
- Equal
- Half
- Quarter
- Third
- Split
- Share

BIG IDEA

Fractions are the relationship between something whole and the equal parts of the whole. The parts of a whole (or fraction) have to be equal.

Resources the children use in school.



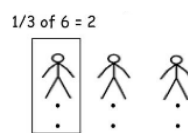
Cubes



shapes



paper



drawings



mental recall

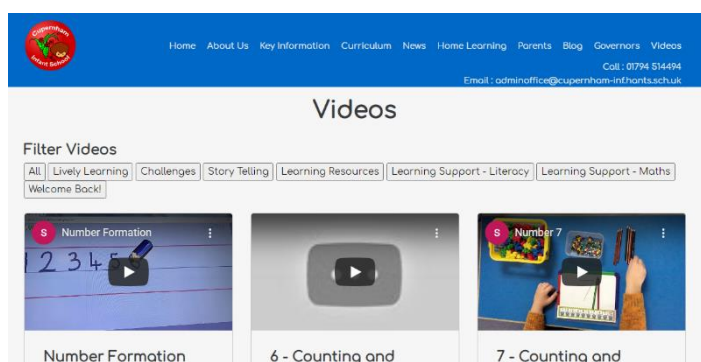
What the children will learn in Year 1

- Recognise and find a half of an object, shape or amount.
- Recognise and find a quarter of an object, shape or amount.

What the children will learn in Year 2

- Recognise, find, name and write fraction $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{3}$.
- Recognise that $\frac{1}{2}$ and $\frac{2}{4}$ are the same.
- Find fractions of shapes, lengths, amounts and sets of objects.

Please see the 'Learning Support-Maths' videos section of our website to see how this looks to the children.



Some ideas to support learning at home.

Quick fire
doubles and
halves.

Involving the
children in cutting
things in half and
quarters e.g.
sandwiches, pizzas.

Cut up paper
into different
fractions and
label it.

Folding clothes
in halves,
quarters and
thirds.

Cut up fruit into
fractions and talk
about how many
parts make the
whole fruit.

Write some
numbers on paper
and ask children to
'splat' half of ___ or
double ___

When you are splitting things into
equal group talk about the whole
and the parts you are splitting into.

Websites to visit for interactive games:

<http://www.snappymaths.com/counting/fractions/interactive/halfquartersimm/halfquartersimm.htm>

<https://www.bbc.co.uk/bitesize/topics/z3rbg82>

<https://www.ictgames.com/mobilePage/fractions/index.html>