



KNOWLEDGE ORGANISER: Maths- Fractions Year 4 Block 4

Key Vocabulary

Fraction	Quantity which is not a whole
Decimal	Relating to numbers based on a system of 10
numerator	The number above the line in a fraction
denominator	The number below the line in a fraction
Unit fraction	Fraction where the numerator is 1
Non-unit fraction	Fraction where the numerator is more than 1
Mixed fraction	Both whole numbers and fractions together
Improper fraction	A fraction with a numerator equal or larger than the denominator



- Understand whole numbers and how fractions function within a whole.
- Learn how improper functions are formed and why.
- Learn the numerator and denominator within a fraction.
- Learn decimals and be able to convert them into fractions.
- Applying facts about fractions and decimals to word problems and real life problem solving situations.

Key Outcomes: To develop a secure understanding of whole numbers, fractions, decimals and how improper fractions function.

- To learn how whole numbers, fractions and improper fractions related to one another.
- To understanding equivalent fractions and how improper fractions can be converted.
- To learn decimals and how to convert decimals into fractions and vice versa.

Resources

Websites



- ✓ [KS2 Maths - BBC Bitesize](https://www.bbc.com/1/learning-english/ks2/maths)
- ✓ [Times Tables Rock Stars: Play \(ttrockstars.com\)](https://www.ttrockstars.com/)
- ✓ [Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](https://www.topmarks.co.uk/)

Textbooks

Reading Links

