## Maths - Year 6

## Number and the Number System 2: Fractions

Key Vocabulary		Mathematical Skills - Recognise and generate
Proper fraction	A fraction where the numerator is smaller than the denominator.	equivalent fractions, and explain why they are equivalent. - Notice and describe patterns within fraction families e.g. 1/4, 2/8, 3/12 - Compare and order fractions and mixed numbers by expressing them in the same denomination, using a common multiple of the denominators. - Simplify fractions using common factors.
Improper fraction	A fraction where the numerator is bigger than the denominator.	
Mixed number	A number written as a whole number and a fraction e.g. 2½.	
Proportion	Used to express a fraction of a whole e.g. ½ the grapes are green.	
Numerator	Upper number of a fraction, shows how many of this kind of fraction.	
Demoninator	Lower number of a fraction, gives the fraction its name.	
Lowest common multi- ple (LCM)	The lowest quantity that is a multiple of a given quantity/ quantities e.g. 12 is the lowest common multiple of 2, 3 and 4.	
Highest common fac- tor (HCF)	The highest possible whole number that divides into two or more other numbers exactly.	
Prime factor	A factor that is a prime number.	
Simplest form	The smallest possible equivalent fraction.	

## **Mathematical Methods**

- Comparing and ordering fractions with different denominators.



