

Subject	Maths
Unit/Topic	Year 7 – Prime Numbers and Proof

Key Vocabulary	Definition
Multiple	The <u>result</u> of multiplying a number by an integer
Factor	Numbers we <u>multiply together</u> to get another number.
Prime number	A number with exactly TWO factors, 1 and itself.
Integer	A whole number
Square number	The result of multiplying an integer (not a fraction) by itself. E.g. $4 \times 4 = 16$, so 16 is a square.
Common	Something that is shared
Triangular number	a number that can be represented by a pattern of dots arranged in an equilateral triangle
Divisible	Can be evenly divided by another number, with no remainder.
Factorise	The process to find factors of a given number or expression and is the reverse of expanding brackets.
Proof	A structured argument showing a sequence of logical steps to prove if a mathematical statement is true.
Product	The answer when two or more values are multiplied together.
LCM	Lowest Common Multiple – the smallest multiple that two or more numbers have in common
HCF	the largest whole number which is shared by given numbers.
Union	The set made by combining the elements of two different sets.
Intersection	Only the elements of separate sets that are common to both.

