



Longfield Learning Journey



Key Stage 4 Foundation	Unit of work: Factors, Powers and Roots – Unit 13	Term: 2:1		
Key Words:	Prerequisites	R	A	G
Multiply, divide, add, subtract, product, sum, difference, factor, multiple, prime NB: Use the correct language; e.g. multiply not times	Multiply repeated numbers and divide by 100			
	Recognise prime numbers			
	Factorise whole numbers			

	Content: Factors, Powers and Roots – Unit 13 CORE EXTENTION	R	A	G
N4	Use the concepts and vocabulary of prime numbers, factors and multiples.			
N4	Recognise and find common factors and common multiples			
N4	Recognise and calculate highest common factors and lowest common multiples.			
N4	Apply systematic listing strategies.			
N4	Use and calculate prime factors			
N4	Write a number as a product of prime factors using the unique factorisation theorem.			
N6	Use positive integer powers and associated real roots			
N6	Recognise powers of 2, 3, 4 and 5			

K <i>What you know</i>	W <i>What you want to know</i>	L <i>What have you learned</i>