

What I Need to Know

Maths Y5 Autumn Term: Multiplication and Division A

We nurture the curiosity to learn, the courage to lead and the compassion to care.

You will:

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes
- Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- Establish whether a number up to 100 is prime and recall prime numbers up to 19
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- Multiply and divide numbers mentally, drawing upon known facts

Small Steps	Met
Multiples	
Common multiples	
Factors	
Common factors	
Prime numbers	
Square numbers	
Cube numbers	
Multiply by 10, 100 and 1,000	
Divide by 10, 100 and 1,000	
Multiples of 10, 100 and 1,000	

Resources I might find helpful
Place value chart, multi-link, times tables grid, bead string, Dienes maths set (base 10), abacus, bar modelling

Vocabulary I need to know...
prime number, factor, prime factor, composite number, square number, cube number, short division, product, dividend, divisor, quotient, operations

Opportunities to support English and maths
<ul style="list-style-type: none"> • Skim and scan texts to retrieve information quickly and accurately • Understand what the question requires you to do • Summarise ideas

End of Unit Reflection
<p>I am more confident because:</p> <p>I still need support with:</p>