

What I Need to Know

Maths Y4 Spring Term: Multiplication and Division B

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

You will:

- Recognise and use factor pairs and commutativity in mental calculations
- Recall multiplication and division facts for multiplication tables up to 12×12
- Multiply and divide whole numbers and those involving decimals by 10, 100
- Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m object
- Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers

Small Steps	Met
Factor pairs	
Use factor pairs	
Multiply by 10	
Multiply by 100	
Divide by 10	
Divide by 100	
Related facts – multiplication and division	
Informal written methods for multiplication	
Multiply a 2-digit number by a 1-digit number	
Multiply a 3-digit number by a 1-digit number	
Divide a 2-digit number by a 1-digit number (1)	
Divide a 2-digit number by a 1-digit number (2)	
Divide a 3-digit number by a 1-digit number	
Correspondence problems	
Efficient multiplication	

Resources I might find helpful

Place value chart, multi-link, times tables grid, bead string, Dienes maths set (base 10), abacus, bar modelling, fraction wall, rulers, measuring tapes, measuring cylinders, balance scales, protractor, 2d shapes, 2d shapes,

Vocabulary I need to know...

Year 3 + factor pairs, distributive law, tables facts, remainders

Opportunities to support English and maths

- Skim and scan texts to retrieve information quickly and accurately
- Understand what the question requires you to do
- Summarise ideas

End of Unit Reflection

I am more confident because:

I still need support with:

