

Let's multiply and divide! Maths : Year 2 : Summer Term, Week 1

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To show that multiplication of two numbers can be done in any order.	Children will use arrays to visually represent how multiplication is commutative, and may be solved in any order. They will then identify times tables which they find easier/have already learnt, and change the order of multiplication calculations to take advantage of these.	<ul style="list-style-type: none"> Can children use resources to help show and solve multiplication calculations? Can children draw arrays to show and solve multiplication calculations? Can children change the order of multiplication calculations, making them easier to solve? 	<ul style="list-style-type: none"> Slides Worksheets 1A/1B/1C Multiplication Problem cards (FSD...? activity only) Maths cubes, counters, peg boards etc.
Lesson 2	To create fact families to show relationships between multiplication and division calculations.	Children will use number lines or bead strings to determine that although multiplication may be done in any order, division may not. After that they may either use resources to help them solve division calculations and make 'fact families', or undertake a group 'fact family' sorting challenge.	<ul style="list-style-type: none"> Can children use maths resources to help solve and show multiplication calculations? Can children explain, in their own words, why divisions cannot be solved in any order? Can children use known facts from a simple multiplication number sentence to make 'fact families'? 	<ul style="list-style-type: none"> Slides Challenge Cards 2A/2B/2C Fact Family Challenge 2A/2B/2C
Lesson 3	To solve multiplication calculations using a number line.	Children will recap using physical resources to solve multiplications by making rectangular arrays. They will go on to learn how number lines may also be used to solve multiplication calculations.	<ul style="list-style-type: none"> Can children relate multiplication to repeated addition? Can children use number lines to solve multiplication calculations (two, five and ten times tables)? Can some children use number lines to solve multiplication calculations (including the three times table as well)? 	<ul style="list-style-type: none"> Slides Worksheet 3A/3B Number Lines to 30/100 Multiplication Statements cards
Lesson 4	To solve division calculations using a number line.	Children will recap using physical resources to solve divisions by making rectangular arrays. They will go on to learn how number lines may also be used to solve division calculations.	<ul style="list-style-type: none"> Can children solve division calculations using physical resources? Can children relate dividing or sharing physical resources to repeated subtraction? Can children use number lines to solve division calculations? 	<ul style="list-style-type: none"> Slides Worksheets 4A/4B/4C Challenge Card 4 Unifix/Multifix cubes, bead strings Blank Number Lines to 30 sheet
Lesson 5	To solve a variety of multiplication and division word problems using physical resources or a number line.	Children will practise and consolidate the skills learnt during this week by solving multiplication and division word problems, either using physical resources or number lines to help them.	<ul style="list-style-type: none"> Can children compare methods for solving multiplication calculations? Can children compare methods for solving division calculations? Can children use number lines to solve multiplication and division word problems? 	<ul style="list-style-type: none"> Slides Number Lines to 30/100 Word Problems 5A/5B Audio recorders, laptops and/or tablets (all optional; FSD...? activity only)