

# Can we link multiplication and division : Maths : Year 2 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To use practical and pictorial methods to solve multiplication and division problems.	During this lesson the children will recap what multiplication and division problems are. They will use bead strings to solve problems and be encouraged to talk about what they have done. They will make predictions about the answer to a number sentence, including if the number will be larger, smaller or the same as the numbers in the number sentence.	<ul style="list-style-type: none"> <li>Can children explain multiplication?</li> <li>Can children explain division?</li> <li>Can children use resources to solve multiplication and division questions?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Bead strings (Teaching Input only)</li> <li>Worksheet 1A/1B/1C</li> <li>Question Cards 1A/1B (FSD...? activity only)</li> <li>Bead String Cards 1A/1B (FSD...? activity only)</li> <li>Arrays Cards 1A/1B (FSD...? activity only)</li> <li>Answer Cards 1A/1B (FSD...? activity only)</li> <li>Counting resources: blocks, numicon</li> <li>Photo Sheet</li> </ul>
<b>Lesson 2</b>	To use multiplication and division facts to solve problems.	In this lesson your class will be encouraged to count in multiples and use arrays to check their answers to multiplication and division problems. They will be challenged to predict answers to number sentences using their knowledge of number facts. This lesson concludes by challenging the children to apply their knowledge of numbers to solve missing number problems.	<ul style="list-style-type: none"> <li>Do children understand multiplication and division number sentences?</li> <li>Do children know number facts?</li> <li>Can children use methods to check their answers?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Puzzle Pieces 2A/2B</li> <li>Number Sheets 2A</li> <li>Number Cards 2A</li> <li>Game Sheet 2A/2B (FSD...? activity only)</li> <li>Question Cards 2A/2B (FSD...? activity only)</li> <li>Photo Sheet</li> </ul>
<b>Lesson 3</b>	To explore which number sentences are commutative.	During this lesson your class will explore what 'commutative' means. They will use bead strings and arrays to check their answers as they rearrange multiplication number sentences to check if they can be done in any order.	<ul style="list-style-type: none"> <li>Do children understand multiplication number sentences are commutable?</li> <li>Can children draw arrays to prove their number sentence answers?</li> <li>Can children rearrange number sentences?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Bead Strings</li> <li>Worksheet 3A/3B/3C</li> <li>Number Sentence Cards (FSD...? activity only)</li> <li>Challenge Cards (FSD...? activity only)</li> <li>Photo Sheet</li> </ul>
<b>Lesson 4</b>	To use multiplication to check answers to division problems.	This lesson begins by recapping what commutative means. Your class will then be challenged to solve a division number sentence, before using multiplication to check their answer. To help your class understand the relationship between multiplication and division number sentences they will come up with a story to illustrate each number sentence.	<ul style="list-style-type: none"> <li>Do children understand which number sentences are commutative?</li> <li>Can the children use multiplication to check their answers?</li> <li>Can children apply their knowledge of number facts to solve problems?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Problem Cards 4A/4B/4C</li> <li>Domino Cards 4A/4B (FSD...? activity only)</li> <li>Photo Sheet</li> </ul>
<b>Lesson 5</b>	To solve problems involving multiplication and division.	The final lesson in this series challenges children to apply their maths skills when solving multiplication and division word problems. They will read word problems and talk about what they mean before writing them as number sentences and solving them.	<ul style="list-style-type: none"> <li>Can children write number sentences?</li> <li>Can children solve word problems?</li> <li>Can children check their work?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Character Cards 5A/5B/5C</li> <li>Problem Cards 5A/5B (FSD...? activity only)</li> <li>Game Sheet 5A (FSD...? activity only)</li> <li>Counting resources: blocks, numicon, bead strings</li> <li>Photo Sheet</li> </ul>