

# Using Times Tables : Maths : Year 3 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To revise multiplication facts and identify multiples of eight.	Children will use a hundred square to support them in counting in multiples of eight. They will find out what the word 'multiple' means and explore the link between multiples of four and multiples of eight. The independent learning activities give them opportunities to become more familiar with the eight times table, or recap other times tables facts.	<ul style="list-style-type: none"> <li>• Can children count in multiples of eight?</li> <li>• Do children understand what the term 'multiple' means?</li> <li>• Can children recall facts for the four and eight times tables?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Fact Cards</li> <li>• Colour by Number sheet</li> <li>• Game Board</li> <li>• Dice</li> <li>• Coloured pencils</li> <li>• Times Table Memory Games (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To investigate multiples of three, four and eight.	Children will recap what a multiple is before identifying factors of different multiples. They will identify the 'odd one out' in a set of multiples and practise the eight times table. They will complete number statements in a variety of ways to show how factor pairs of different multiples or carry out investigations into multiples of three, four and eight.	<ul style="list-style-type: none"> <li>• Can children identify and recall multiples of three?</li> <li>• Can children identify and recall multiples of four?</li> <li>• Can children identify and recall multiples of eight?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A/2B/2C</li> <li>• Multiplication Grid</li> <li>• Sometimes, Always or Never Cards (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To be able to use multiplication facts to recall division facts.	Children will identify the link between multiplication and division. They will derive division facts from a given multiplication statement. They will focus on rapid recall of both multiplication and division facts for a variety of times tables.	<ul style="list-style-type: none"> <li>• Do children understand the link between multiplication and division?</li> <li>• Can children use multiplication to solve division questions?</li> <li>• Can children recall division facts?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Game Board 3A/3B/3C</li> <li>• Dice and counters</li> <li>• Division Race Cards (FSD? activity only)</li> </ul>
<b>Lesson 4</b>	To be able to recall multiplication facts.	Children will focus on rapid recall of multiplication facts for a variety of times tables. Children will complete differentiated multiplication grids, with higher-ability children deriving missing factors within the grid as well as missing multiples. They can also play games to reinforce times table facts.	<ul style="list-style-type: none"> <li>• Can children recall facts for the 2, 5 and 10 times tables?</li> <li>• Can children recall facts for the 3, 4 and 8 times tables?</li> <li>• Can children use known times table facts to derive associated facts?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Blank Bingo Grids 🐝</li> <li>• Worksheet 4A/4B/4C</li> <li>• Take Away Game sheets (FSD? activity only)</li> <li>• Dice and counters (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To be able to use the grid method to solve multiplication problems.	Children will recap how the grid method works to solve multiplication problems. They will start with two-digit by two-digit calculations, then move on to three-digit by two-digit calculations if appropriate. The independent learning activities give opportunities to practise this method, as well as solving an investigation.	<ul style="list-style-type: none"> <li>• Can children recall and use multiplication facts?</li> <li>• Can children partition numbers correctly?</li> <li>• Can children use the grid method of multiplication correctly?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 5A/5B/5C</li> <li>• Multiplication Table</li> <li>• Challenge Cards 5A/5B (FSD? activity only)</li> <li>• Digit Cards (FSD? activity only)</li> </ul>