

Multiplication Facts: Maths : Year 3 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To know and use the three times table facts.	Children will practise counting up in threes. They will identify multiples of three on a 100 square, and discuss patterns. Children will solve multiplication number sentences using the three times table facts, and understand that multiplication can be done in any order.	<ul style="list-style-type: none"> • Can children count up in steps of three? • Can children identify multiples of three on a 100 square? • Can children recall facts for the three times table? 	<ul style="list-style-type: none"> • Slides • Worksheets 1A/1B/1C • Scissors • The Big Three Game Sheet (FSD? activity only) • Two dice & counters (FSD? activity only)
Lesson 2	To know and use the four times table facts.	Children will practise counting up in fours. They will identify multiples of four on a 100 square, and spot those that are missing. Children will understand that all multiples of four are even, and that this fact can be used to check answers. They will use their four times table fact knowledge to play games.	<ul style="list-style-type: none"> • Can children count up in steps of four? • Can children identify multiples of four on a 100 square and notice patterns? • Can children recall facts for the four times table? 	<ul style="list-style-type: none"> • Slides • Worksheets 2A/2B/2C • Coloured pencils • Matching Pairs Game Sheet (FSD? activity) • Two dice
Lesson 3	To know and use multiplication facts from the three and four times tables.	Children will answer quick - fire questions using their three and four times table knowledge. They will understand the term 'multiple', and will identify multiples of three and four. Children will use their times table fact knowledge to solve puzzles or play games.	<ul style="list-style-type: none"> • Do children understand the term 'multiple'? • Can children recognise multiples of three and four? • Can children recall and use facts for the three and four times tables? 	<ul style="list-style-type: none"> • Slides • Worksheets 3A/3B/3C • Spelling Help Sheet • Spinner Game Sheet (FSD? activity only) • Spinner Game Instructions Card (FSD? activity only) • Ninja Points Sheet (FSD? activity only) • Paperclips
Lesson 4	To use times table facts to solve missing number problems.	Children will learn how to find a missing number in a problem, using their knowledge of the three and four times tables. They will understand that division is the inverse of multiplication, and use this to help them solve missing number problems.	<ul style="list-style-type: none"> • Can children identify multiples of three and four? • Can children suggest multiplication number sentences for given multiples? • Can children use their knowledge of the three and four times tables to solve missing number problems? 	<ul style="list-style-type: none"> • Slides • Worksheets 4A/4B/4C • Dice, markers and coloured counters • Ninja Game Sheet Three Times Table (FSD? activity only) • Ninja Game Sheet Four Times Table (FSD? activity only) • Mini Ninja cards (FSD? activity only)
Lesson 5	To know how to use multiplication facts to solve scaling problems.	Children will answer quick - fire questions using their three and four times table knowledge. They will learn how to 'scale up' amounts and apply this learning to real - life contexts.	<ul style="list-style-type: none"> • Can children recall and use facts for the three and four times tables? • Can children discuss some instances of scaling up in real - life situations? • Can children use their knowledge and understanding of the three and four times tables to solve problems involving scaling? 	<ul style="list-style-type: none"> • Slides • Worksheets 5A/5B/5C • Fruit and Veg Game Sheet A (FSD? activity only) • Fruit and Veg Game Sheet B (FSD? activity only)