








Number and Place Value: Counting in Fives

<p>Aim: Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.</p> <p>To count in steps of five.</p>	<p>Success Criteria: I can count on and back in fives using my hands.</p> <p>I can count on and back in fives using objects.</p> <p>I can read and write multiples of fives.</p> <p>I can find and make patterns when counting in fives.</p>	<p>Resources: Lesson Pack</p> <p>Small manipulatives</p>
	<p>Key/New Words: Five, ten, fifteen, twenty, twenty-five, thirty, thirty-five, forty, forty-five, fifty, fifty-five, sixty, steps, forwards, backwards, count on, count back, objects, patterns, digit, multiple.</p>	<p>Preparation: Multiples of Five Cards – 1 set per pair Five Pence Cards (or 12 5p coins) – 1 set per pair Dice 5s Cards – 1 set per pair Counting in Fives Activity Sheets – 1 per child 100 Square – as required Diving into Mastery Activity Sheets - as required</p>

Prior Learning: Year 1 prerequisite: Count in multiples of 2, 5 and 10. The previous two lessons have taught [counting in tens](#) and [counting in twos](#).

Learning Sequence

	Remember It: The children will answer the questions on the Lesson Presentation to develop their fluency in counting in twos and tens.	
	Fingers or Hands? Encourage children to count in fives rather than counting each finger. Children who are confident could try counting the hands forwards and backwards in fives to work out the number of fingers. Can the children count on and back in fives using their hands?	
	Fives: Have a range of small manipulatives available, five-pence pieces (or Five Pence Cards) and Dice 5s Cards . In pairs, one child turns over one of the Multiples of Five Cards and the other must show the number using small manipulatives (grouped in fives), the Dice 5s Cards , five-pence coins or Five Pence Cards .	
	Counting in Fives: Look at counting forwards in fives on a number line and look at counting back in fives on a number line. Children may use manipulatives such as number shapes to support them. Can the children count on and back in fives using objects?	
	What's Hidden? Use the 100 square showing multiples of 5, with some hidden numbers, on the Lesson Presentation . Discuss how children could work out the missing numbers in the sequence. Children could count from zero, or suggest using place value and the pattern to work out the missing number in a sequence. Can children spot and use a pattern to work out a missing number when counting in 5s?	
	High Five Activities: Children complete the differentiated Counting in Fives Activity Sheets , counting forwards and backwards in fives , reading and writing multiples of five and finding and making patterns when counting in fives . Provide 100 Squares and small manipulatives for support.	
	Children practise counting forwards and backwards in multiples of five up to 60.	
	Children count on and back in fives, finding missing numbers in sequences up to 60 and exploring patterns in multiples of 5.	
	Children count on and back in fives, finding missing numbers in sequences up to and beyond 60. They explore and explain patterns in multiples of 5.	

	<p>Diving into Mastery: Schools using a mastery approach may prefer to use the following as an alternative activity. These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.</p> <p> Children count forwards and backwards in fives from multiples of five and zero to complete number sequences.</p> <p> Children reason about the efficiency of counting in groups and solve a problem involving counting in fives.</p> <p> Children solve a number puzzle by finding all possible solutions.</p>	
	<p>Number Detective: The children identify the multiples of 5 in a grid and learn the rule that all multiples of 5 have a 5 or 0 in the ones column. Can the children read and write multiples of 5?</p>	

Exploreit

Teachit: Children make a poster to display in the classroom explaining how to count in 5s. They could use handprints to illustrate the multiples of 5.

Learnit: Children complete these _____ and begin to learn the multiples of 5 from 1×5 to 12×5 .

Spendit: The children work in small groups. They grab a handful of five-pence coins each (or counters as pretend five-pence coins) and count them. Who has the most money to spend?

Learnit: This fantastic double-sided _____ features key vocabulary and visual representations relating to the use of number and place value in year 2. This is a great resource to display or to have on tables during your maths lessons to reinforce the key facts of the topic and to send home.