

# Number and Place Value: Counting in Hundreds



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<p><b>Aim:</b> Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.</p> <p>DfE Ready-to-Progress Criteria: Recall multiplication facts, and corresponding division facts, in the 10, 5, 2, 4 and 8 multiplication tables, and recognise products in these multiplication tables as multiples of the corresponding number. (3NF-2)</p> <p>To count in multiples of 100.</p>	<p><b>Success Criteria:</b> I can count forwards in steps of 100. I can count backwards in steps of 100. I can recognise multiples of 100.</p>	<p><b>Resources:</b> Lesson Pack</p> <p>Whiteboards and pens - class set</p> <p>Beanbag</p> <p>A row of ten squares chalked on the playground. Label the space before the first square 0 and label the last square 1000. Alternatively, use sticky tape to create the grid on the classroom floor.</p>
	<p><b>Key/New Words:</b> Multiple, counting in steps of.</p>	<p><b>Preparation:</b> <b>Multiples of 100 Coin Treasure Hunt Activity</b> – one per group, coins hidden around the classroom prior to the lesson <b>Multiples of 100 Activity Sheet</b> – one per child <b>Diving into Mastery Activity Sheets</b> - as required</p>

**Prior Learning:** Year 2 conceptual prerequisite: It will be helpful if children know their 2, 5 and 10 multiplication tables

## Learning Sequence

	<b>Remember It:</b> Children sort numbers shown on the <b>Lesson Presentation</b> into the following categories: not multiples of 50; multiples of 50 less than 300; multiples of 50 which are 300 or greater.	
	<b>Ahoy, Mateys!</b> Practise counting in multiples of 100 from zero by talking through the information on the <b>Lesson Presentation</b> . Repeat with additional examples if necessary. <b>Can children count forwards in steps of 100 from zero?</b>	
	<b>Treasure Bags:</b> Children look at the numbers on the coins on the <b>Lesson Presentation</b> and decide if they have been sorted correctly. <b>Can children identify multiples of 100?</b>	
	<b>Counting Treasure:</b> Using the <b>Lesson Presentation</b> , the children identify the next multiple of 100 in the sequence. <b>Can children count forwards and backwards in steps of 100 from a given number?</b>	
	<b>Pirates:</b> Children complete the differentiated activities. Remind children to check their answers once completed.	
	Children throw a beanbag on the 'plank' (chalked or sticky tape grid). They say what multiple of 100 they think they will be at. They walk on each square, counting in multiples of 100 from zero. They can turn around and predict which number they will land on and count backwards in multiples of 100. An alternative version can include the 'pirate' shouting a number. The child on the plank has to count forwards or backwards to the given number from their position on the plank.	
	Children find, identify and order multiples of 100 from zero using the <b>Multiples of 100 Coin Treasure Hunt Activity</b> . Once collected, the children take turns to remove one of the coins. Can the rest of the children decide which coin has been removed?	
	Children identify multiples of 100 from zero up to 5000 using the <b>Multiples of 100 Activity Sheet</b> .	

	<p><b>Diving into Mastery:</b> 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 up and down in hundreds and identify numbers on a place value grid.</p> <p> Children use simple division and multiplication of hundreds and identify incorrect facts about hundreds numbers.</p> <p> Children explore and explain facts about hundreds numbers.</p>	  <b>REGENT STUDIES</b> Focused education on life's walk! <a href="http://www.regentstudies.com">www.regentstudies.com</a>
	<p><b>Treasure:</b> Using the <a href="#">Lesson Presentation</a>, the children calculate and compare multiples of 100.</p>	

**Exploreit**

**Makeit:** Children create their own version of multiples of 100 cards based on a given topic