



















Number and Place Value: Counting in Fifties

<p>Aim: 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 steps of 50.</p>	<p>Success Criteria: I can count forwards in steps of 50. I can count backwards in steps of 50. I can recognise multiples of 50.</p>	<p>Resources: Lesson Pack Scissors Glue sticks Pencils</p>
	<p>Key/New Words: Multiple, counting in steps of.</p>	<p>Preparation: Multiples of 50 Canoes Activity Sheet – one per child Multiples of 50 River Run Activity Sheet – one per child Multiples of 50 Number Line Activity Sheet – one per child Diving into Mastery Activity Sheets – as required</p>

Prior Learning: Year 2 conceptual prerequisite: It will be helpful if children can calculate products within the 2, 5 and 10 multiplication tables.

Learning Sequence

	<p>Remember It: Children follow the instructions on the Lesson Presentation. They write numbers from 0 – 80 and place coloured dots by multiples of two, four and eight. Children discuss with a partner what they notice.</p>	
	<p>Down by the River: Practise counting in multiples of 50 from zero by talking through the information on the Lesson Presentation. Repeat with additional examples if necessary. Can children count forwards in multiples of 50? Can children count backwards in multiples of 50?</p>	
	<p>Paddle Numbers: Using the Lesson Presentation, the children identify the next multiple of 50 in the sequence.</p>	
	<p>River Rapids: Children complete the differentiated activities. Remind children to check their answers once completed.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="239 1232 598 1489">  <p>Children identify and order multiples of 50 from zero using the Multiples of 50 Canoes Activity Sheet. An alternate version is available where non-multiples of 50 are included in the activity.</p> </div> <div data-bbox="622 1232 981 1489">  <p>Children identify multiples of 50 from zero to finish the river course using the Multiples of 50 River Run Activity Sheet.</p> </div> <div data-bbox="1005 1232 1364 1489">  <p>Children identify multiples of 50 from zero up to 1000 using the Multiples of 50 Number Line Activity Sheet.</p> </div> </div>	
	<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> <div style="margin-top: 10px;">  <p>Children practise counting forwards and backwards in multiples of 50.</p> </div> <div style="margin-top: 10px;">  <p>Children count in 50s to answer a contextual problem and solve a maze game.</p> </div> <div style="margin-top: 10px;">  <p>Children identify incorrect statements about counting in 50s and investigate numbers which are multiples of 50.</p> </div>	
	<p>Boat Race: Using the Lesson Presentation, the children calculate the starting times of each boat by counting up in multiples of 50.</p>	

Exploreit

Huntit: The children find and order the cards, starting from zero.
Drawit: Children draw the number 50 in bubble writing. Inside the number, the children write as many multiples of 50 as they can think of.



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