

















Number and Place Value: 10 and 100 More and Less







<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>To find 10 and 100 more or less than a given number.</p>	<p>Success Criteria: I can find 10 more than a given number. I can find 10 less than a given number. I can find 100 more than a given number. I can find 100 less than a given number.</p>	<p>Resources: Lesson Pack Whiteboards and pens (class set) Place value flipcharts Base ten blocks Number lines 100 squares</p>
 <p>REGENT STUDIES Focused education on life's walk! www.regentstudies.com</p>	<p>Key/New Words: Place value, tens, ones, hundreds, thousands, more than, less than.</p>	<p>Preparation: Finding More or Less Snake Matching Cards – one per child Finding More or Less Snake Stripes Activity Sheet – one per child Finding More or Less Snake Game – one per pair Diving into Mastery Activity Sheets – as required</p>

Prior Learning: It will be helpful if children can count forwards and backwards in tens and hundreds

Learning Sequence

	<p>Remember It: Children follow the prompts on the Lesson Presentation to practise counting backwards and forwards in multiples of 10 and 100.</p>	
	<p>Finding 10 More or Less: Use the Lesson Presentation to model and explain how to find 10 more or 10 less than a number. Using pictorial models (100 squares, base ten equipment, place value flip charts and number lines), children visualise the effect of finding 10 more or 10 less than a number.</p>	
	<p>Snakes Alive! Children calculate 10 more and less than given numbers as shown on the Lesson Presentation. Can children find 10 more or less than a given number?</p>	
	<p>Finding 100 More or Less: Use the Lesson Presentation to model and explain how to make a number 100 more or less. Using pictorial models (base ten equipment, place value flip charts and number lines) children visualise the effect of finding 100 more or 100 less than a number.</p>	
	<p>Spot a Snake: Using the Lesson Presentation, the children select a square from the grid. Each square will reveal a question related to finding 100 more or less than a given number. Once the question has been completed, click again to reveal the answer and part of the picture. Once all the questions have been completed, a picture will be revealed and the children will be able to spot all of the hidden snakes. Can children find 100 more or less than a given number?</p>	
	<p>Slithering Snakes: Children complete the differentiated activities. Children can be supported through the use of number lines, place value flip charts and base ten blocks.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="239 1624 606 1814">  <p>Children work individually to find 10 and 100 more or less than a given number up to 1000, using the Finding More or Less Snake Matching Cards.</p> </div> <div data-bbox="622 1624 989 1792">  <p>Children work in pairs to find 100 more or less than a given number up to 1000, using the Finding More or Less Snake Game.</p> </div> <div data-bbox="1005 1624 1356 1926">  <p>Children work individually to find 10 and 100 more or less than a given number up to 1000, using the Finding More or Less Snake Stripes Activity Sheet. They answer a reasoning-style question, explaining their thinking.</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> <p> Children practise finding 10 and 100 more or less than a given number, shown by base ten blocks and a place value flip chart. They complete sequences involving 10 and 100 more or less.</p> <p> Children answer reasoning questions about 10 and 100 more or less than given numbers, explaining their answers. They follow a trail by finding 100 more than the previous number.</p> <p> Children find numbers which are described using clues using 10 and 100 more and less. They follow a pathway to get from one number to another, using 10 and 100 less and more instructions. They write their own pathway instructions to get from a given number to another given number.</p>	
	<p>Which Snake? Children determine which snake is being described by the clues shown on the Lesson Presentation.</p>	