

Number and Place Value: Ordering Numbers to 1000



<p>Aim: Compare and order numbers up to 1000. To order numbers up to 1000.</p>	<p>Success Criteria: I can use place value to compare numbers ready to order. I can order numbers up to 1000 from smallest to largest. I can order numbers up to 1000 from largest to smallest.</p>	<p>Resources: Lesson Pack Base ten blocks Whiteboards and pens - class set Dice</p>
	<p>Key/New Words: Compare, largest, larger than, greatest, greater than, smaller than, smallest, largest, hundreds, tens, ones, place value.</p>	<p>Preparation: Differentiated Ordering Numbers Activity Sheet - one per child Diving into Mastery Activity Sheets - as required</p>

Learning Sequence

	<p>Remember It: Children compare 3-digit numbers shown on the Lesson Presentation, using words and symbols.</p>	
	<p>Ordering Numbers: Revise ordering numbers up to 1000 by talking through the information on the Lesson Presentation. Repeat with additional examples if necessary. Can children use place value to compare numbers ready to order?</p>	
	<p>Odd One Out: Using the Lesson Presentation, children identify the number that has been wrongly placed in the sequence of ordered numbers (smallest to largest, or vice versa). Children place the number in the correct place in the sequence (you could do this activity as a whole class, or on whiteboards).</p>	
	<p>Tell Me a Joke: Children complete the differentiated Ordering Numbers Activity Sheets, ordering numbers up to 1000 from smallest to largest and largest to smallest. Can children order numbers up to 1000 from smallest to largest? Can they order numbers up to 1000 from largest to smallest?</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="244 1189 595 1406"> <p>Children order numbers from smallest to largest and largest to smallest. In some of the sets to order, some of the numbers have the same hundreds digit.</p> </div> <div data-bbox="624 1189 975 1379"> <p>Children order numbers from smallest to largest and largest to smallest. In some of the sets to order, several of the numbers have the same hundreds digit.</p> </div> <div data-bbox="1003 1189 1355 1462"> <p>Children order numbers from smallest to largest and largest to smallest. In some of the sets to order, several of the numbers have the same hundreds digit. They also identify missing digits in ordered sequences.</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;"> Children order 3-digit numbers and use symbols to compare a sequence of numbers. </div> <div style="margin-top: 10px;"> Children order numbers to solve a riddle and identify misconceptions. </div> <div style="margin-top: 10px;"> Children investigate possible numbers to complete sequences. </div>	
	<p>LOL: Select children to read some of the jokes from their activity sheet. Afterwards, split the class into six groups and allocate each group a number. Roll a dice. Members of the rolled number group give feedback on their activity using the prompt questions on the Lesson Presentation.</p>	



Exploreit

- shuffle and place the cards face down. In pairs, children take turns to choose five cards
- Playit:** and roll the dice to reveal whether they need to order the cards smallest to largest or largest to smallest. If the children complete the task successfully, they keep the cards and the turn is passed to the next player. If not, the cards are turned back over and the turn is passed to the next player. Repeat until all of the cards have been collected. The player with the most cards wins.
- Rollit:** Children roll three dice 5 times to create 5 three-digit numbers. They then order the numbers smallest to largest.