

# Let's Solve Place Value Problems: Maths : Year 2 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To count in steps of 2, 3, 5 and 10.	Children will learn about Venn diagrams and missing number grids. They will explore sorting numbers into them as well as explaining the rules. Additionally the children can be challenged to add their own numbers to the Venn diagrams.	<ul style="list-style-type: none"> <li>• Can children count in steps of 2, 3, 5 and 10?</li> <li>• Can children apply their knowledge of number sequences to solve problems?</li> <li>• Can children think of their own rules for number sequence problems?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Missing Number Grids A/B/C</li> <li>• Venn Diagrams A/B/C (FSD? activity only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To recognise and use the place value of digits to solve problems.	Children to read or listen to clues and solve them to reveal the number being described. They will be challenged to write their own clues for partners to solve.	<ul style="list-style-type: none"> <li>• Can children identify the value of each digit in a two-digit number?</li> <li>• Can children apply their knowledge of number facts to solve problems?</li> <li>• Can children apply their knowledge of number representations to solve problems?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Question Cards A/B/C</li> <li>• Jigsaw Cards (FSD? activity only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 3</b>	To use the place value of digits to solve problems.	Children to learn how to represent numbers using coins and beads. They will solve problems of making as many one-digit and two-digit numbers as they can using a certain amount of given beads.	<ul style="list-style-type: none"> <li>• Can children identify the value of each digit in a two-digit number?</li> <li>• Can children apply their knowledge of number facts to solve problems?</li> <li>• Can children apply their knowledge of number representations to solve problems?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 3A/3B/3C</li> <li>• Number Cards (FSD? activity only)</li> <li>• Coin Cards (FSD? activity only)</li> <li>• Photo Sheet</li> <li>• Counters, mini whiteboards</li> </ul>
<b>Lesson 4</b>	To use place value to order two-digit numbers.	Children will be challenged to use their knowledge of place value to order a variety of numbers portrayed in different ways, such as by date, by age, by temperature or by money.	<ul style="list-style-type: none"> <li>• Can children identify the value of each digit in a two-digit number?</li> <li>• Can children apply their knowledge of number facts to solve problems?</li> <li>• Can children apply their knowledge of the value of each digit in a two-digit number when ordering numbers?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Age Cards A/B/C</li> <li>• Worksheet 4A/4B/4C</li> <li>• Temperature Cards A/B (FSD? activity only)</li> <li>• Number Cards Set A/B (Plenary only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To use place value and number facts to solve problems.	Children to use the one hundred square to work out what the number is by reading the clues provided. They will be challenged to find this number in a variety of different representations.	<ul style="list-style-type: none"> <li>• Can children identify the value of each digit in a two-digit number?</li> <li>• Can children apply their knowledge of number facts to solve problems?</li> <li>• Can children apply their knowledge of the value of each digit in a two-digit number when ordering numbers?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Market Stall Cards A/B/C</li> <li>• Fifty Grids (FSD? activity only)</li> <li>• Hundred Squares (FSD? activity only)</li> <li>• Clue Cards A/B/C (FSD? activity only)</li> <li>• End of Unit Quiz</li> <li>• Photo Sheet</li> </ul>