

# Let's Use Number Bonds: Maths : Year 2 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To find different ways to make twenty.	Children to learn number bonds to twenty and to write them as a number sentence. They will be challenged to make as many number bonds to twenty as they can.	<ul style="list-style-type: none"> <li>• Can children use objects to match number bond pairs?</li> <li>• Can children use their knowledge of number bonds to ten to support them finding number bonds to twenty?</li> <li>• Can children find different ways to make twenty?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards</li> <li>• Butterfly Cards</li> <li>• Worksheet 1A (FSD? activity only)</li> <li>• Number Machine (FSD? activity only)</li> <li>• Photo Sheet</li> <li>• Pendulum, cubes, bead string, counters</li> </ul>
<b>Lesson 2</b>	To explore number bonds to twenty.	Children to use a ten frame and group objects in fives to explore number bonds to twenty. They will be challenged to match ten frames to the correct number sentence.	<ul style="list-style-type: none"> <li>• Can children match pictorial representations of number bonds to number sentences?</li> <li>• Can children use their knowledge of number bonds to ten to support them finding number bonds to twenty?</li> <li>• Can children find different ways to make twenty?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Ten Frame A/B/C</li> <li>• Number Sentences A/B</li> <li>• Worksheet 2A (FSD? activity only)</li> <li>• Photo Sheet</li> <li>• Objects, twenty-sided dice</li> </ul>
<b>Lesson 3</b>	To find number bonds to twenty by counting on.	Children to learn how to solve a number bonds to twenty questions by counting on. They will be challenged to sort number cards into groups by using the counting on method.	<ul style="list-style-type: none"> <li>• Can children count on from a given number to a set number?</li> <li>• Can children use their knowledge of number bonds to ten to support them finding number bonds to twenty?</li> <li>• Do children understand addition can be done in any order?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B/C</li> <li>• Fish Cards</li> <li>• Wheel Sheet A/B (FSD? activity only)</li> <li>• Photo Sheet</li> <li>• Pegs</li> <li>• Sock Cards (Plenary Only)</li> </ul>
<b>Lesson 4</b>	To use a number line to explore number bonds.	Children to solve number bonds to twenty questions using a number line to help. They will be challenged to find the missing number in the number sentence using a variety of differentiated number lines.	<ul style="list-style-type: none"> <li>• Can children count on using a number line?</li> <li>• Can children use their knowledge of number bonds to ten to support them finding number bonds to twenty?</li> <li>• Can children partition numbers?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Fans (Starter only)</li> <li>• Number Lines A/B/C (Input only)</li> <li>• Worksheet 4A/4B/4C</li> <li>• Number Cards (FSD? activity only)</li> <li>• Photo Sheet</li> <li>• Base ten blocks, A3 paper</li> </ul>
<b>Lesson 5</b>	To use your knowledge of number bonds to solve problems.	Children will be challenged to make different number arrangements to make totals to twenty. They will read problem cards and work out the missing clues.	<ul style="list-style-type: none"> <li>• Can children use objects to match number bond pairs?</li> <li>• Can children use their knowledge of number bonds to ten to support them finding number bonds to twenty?</li> <li>• Can children find different ways to make twenty?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Ball (Starter only)</li> <li>• Problem Cards A/B/C</li> <li>• Worksheet 5A/5B (FSD? activity only)</li> <li>• Number Cards (Plenary only)</li> <li>• Maths resources including counters and bead strings</li> </ul>