

# St Oliver Plunkett Primary School

## Medium Term Planning

Area of Learning: Mental Maths

Year Group: 3

Summer

Learning Intentions	Content / Activities	Resources / ICT	Monitoring / Evaluation Assessment
<p>Children will be able to:</p> <p>Count whole numbers to 100</p> <p>Understand and use mathematical language</p> <p>Add and subtract mentally</p> <p>Use quick recall of number facts up to 20</p> <p>Recognise odd and even numbers</p> <p>Understand place value</p>	<p>Pupils will be enabled to:</p> <ul style="list-style-type: none"> <li>• Count forwards / backwards in 1's,2's,3's,5's,10's-number orchestra</li> <li>• Develop strategies to add/subtract 9/10/11 from a given number within 100</li> <li>• Recall Doubles to 20, also <math>25 + 25</math>, <math>50 + 50</math>.</li> <li>• Recall Halves to 20, also 50 and 100.</li> <li>• Use number arrows to partition numbers</li> <li>• Partition numbers into tens and units for addition. E.g. <math>35 + 17 =</math> <math>30 + 5 + 10 + 7 =</math> <math>30 + 10 + 7 + 5 =</math> <math>40 + 12 =</math></li> <li>• Round up /down to the nearest 10/100</li> <li>• Use arrow cards to understand place value</li> </ul>	<ul style="list-style-type: none"> <li>• BELB Developing mental Mathematical skills.</li> <li>• Peter Patilla Interactive Mental Maths</li> </ul> <ul style="list-style-type: none"> <li>• 100 square</li> <li>• Cover up cards</li> <li>• Number lines</li> <li>• Number cards to 100</li> <li>• Number fans</li> <li>• Whiteboards</li> <li>• Mental maths games</li> <li>• Maths Washing line</li> <li>• Tens and units place cards and deans</li> <li>• Coins</li> <li>• Hand held clocks</li> <li>• Follow me cards</li> <li>• Arrow cards</li> </ul> <p>NHM Teacher File</p>	<p>Teacher observations</p> <p>Questioning techniques</p> <p>Peer assessment</p> <p>Self-assessment</p> <p>Daily marking of books</p> <p>Weekly Mental Maths challenge</p> <p>PTM</p>

	<ul style="list-style-type: none"> <li>• Calculate 1,2,3 hours earlier and later</li> <li>• Count half and quarter hours before and after a given time</li> <li>• Make odd and even numbers from given digits</li> <li>• Understand that the opposite faces of a dice add up to seven</li> <li>• Add and subtract 9 ,11 or 19 , 21 to any 2-digit number with 100.</li> <li>• Count forwards and backwards in 2's, 5's,3's and 10's from a given number.</li> <li>• Count in sequence up to 1000 in 10's, 50's and 100's</li> </ul>	<p><b>LANGUAGE</b></p> <p>Count forwards  Count backwards  Before  After  In between  Sequence  Continue the pattern  More than/less than  Doubles  Add/Plus  Take away/ Subtract  More than/less than  Missing number  Count in 10's  100 square  Place value  Arrow cards  Move up/down  Round up/down</p>	
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Evaluation:

