

# St Oliver Plunkett Primary School


## Medium Term Planning

Area of Learning: Number

Year Group: 3

Autumn 1

Learning Intentions	Content / Activities	Resources / ICT	Monitoring / Evaluation Assessment
<p>Children will be able to:</p> <p>Count, read write and order whole numbers up to 20</p> <p>Talk about and use the materials and equipment provided to carry out an activity</p> <p>Use some mathematical notation</p> <p>Show some organisation in their practical work</p> <p>Talk about ways to solve simple everyday problems</p> <p>Use counting strategies when carrying out activities</p> <p>Understand the commutative properties of addition.</p> <p>Understand the use of a symbol to stand for an unknown number.</p> <p>Look for and talk about patterns</p>	<p>Pupils will be enabled to:</p> <ul style="list-style-type: none"> <li>• Write the digits 1-20.</li> <li>• Read and order the numbers 1-60.</li> <li>• Use a number line to find numbers before/after/between. E.g. ___ 11 ___ 14 ___ 16</li> <li>• Add and subtract numbers within 20 using cubes and number lines</li> <li>• Understand that there is a relationship between addition and subtraction and be able to complete number trios/clouds.</li> </ul> <p>e.g. <math>6 + 4 = 10</math>    <math>4 + 6 = 10</math>  <math>10 - 6 = 4</math>    <math>10 - 4 = 6</math></p> <ul style="list-style-type: none"> <li>• Insert the correct missing number e.g. <math>4 + * = 6</math></li> <li>• Tell me about a number e.g. 10 is even, has 2 digits etc</li> <li>• Investigate number bonds</li> </ul>	<ul style="list-style-type: none"> <li>• Large 100 square</li> <li>• Cubes</li> <li>• Number lines</li> <li>• Elefilps</li> <li>• Individual 100 squares</li> <li>• Arrow cards</li> <li>• Number fans</li> <li>• Cuisenaire rods</li> <li>• Money coins</li> <li>• Demonstration coins</li> <li>• Dice</li> <li>• IWB</li> <li>• Individual whiteboards and markers</li> <li>• iPads (stamp game, Montessori, Jungle coins, math board, math 5-6, number jacks(Counting, addition))</li> <li>• Plastic coins – 1p, 2p, 5p, 10p,20p,50p</li> <li>• Fruit Shop/b&amp;q/ house corner</li> </ul> <p>Pg 22- 50 NHM2 Teacher File Pg 189 – 197 in 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>Year group monitoring</p> <p>Management book lift</p> <p>Target setting</p> <p>6 weekly assessment</p>

<p>within 20</p> <p>Talk about, collect and discuss information required</p> <p>Use appropriate mathematical language to respond to questions about and to talk about their work.</p> <p>Develop strategies to add/subtract mentally</p> <p>Identify particular properties of number</p> <p>Recognise and use coins</p>	<p>using Cuisenaire rods up to 15.</p> <ul style="list-style-type: none"> <li>• Identify 1p, 2p, 5p, 10p, 20p coins</li> <li>• Use above coins to make various amount up to 50p</li> <li>• Play the money exchange game - throw dice, put out that amount in 1ps. Exchange five 1ps for a 5p coin. Exchange two 5p coins for a 10p coin etc...</li> <li>• Use Fruit Shop &amp; B&amp;Q Corner to further develop the use of money and coins.</li> </ul>	<p><b>INVESTIGATION</b></p> <p>Pupils will be given a target number. E.g. 9 Find different ways using Cuisenaire to make 9.</p> <p>Using unifix cubes and cut out shapes complete number stories e.g.</p> <p> + 7 = 10</p> <p>Using Cuisenaire rods, children find different ways to make 3 numbers add up to e.g.11</p>	<p><b>LANGUAGE</b></p> <ul style="list-style-type: none"> <li>• Number</li> <li>• Cuisenaire</li> <li>• How many</li> <li>• Zero</li> <li>• Add</li> <li>• Subtract</li> <li>• Takeaway</li> <li>• Minus</li> <li>• Number clouds</li> <li>• Symbols</li> <li>• Add 3 numbers</li> <li>• Symbol</li> <li>• Number clouds</li> </ul> <p><b>NUMBER GAMES</b> Toss and Add 2 numbers Toss and Add 3 numbers</p>
<p>Evaluation:</p>			