

St Oliver Plunkett Primary School

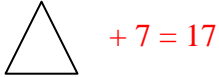
Medium Term Planning

Area of Learning: Number

Year Group: 3

Autumn 2

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 100</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>Pupils will be enabled to:</p> <ul style="list-style-type: none"> • Read and order the numbers 60-100. • Count to and back from 90 using a number line/ array a number line/array • Use a number line to find numbers before/after/between. E.g. $\underline{\quad} 69 \underline{\quad}$ $54 \underline{\quad} 56$ • Tell me about a given number recorded on iPads <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">Bigger than 30 Odd</p> <div style="text-align: center; margin: 10px 0;"> <div style="border: 1px solid black; display: inline-block; padding: 5px 15px; color: red; font-weight: bold;">35</div> </div> <p style="text-align: center;">2 digits 3 and 5</p> <p style="text-align: center;">between 34 and 36</p> <p style="text-align: center;">Smaller than 40</p> </div> <ul style="list-style-type: none"> • Add 1,2,5,10 to a given number up to 100. • Subtract 1,2,5,10 from a 	<ul style="list-style-type: none"> • Large 100 square • Cubes • Number lines • Elefilps • Individual 100 squares • Arrow cards • Number fans • Cuisenaire rods • Money coins • Demonstration coins • Dice • IWB • Individual whiteboards and markers • iPads – Hit the Button, Stamp game, Montessori, Jungle coins, Math Board, Math 4-5 & 5-6, Number Jacks. • Plastic coins – 1p, 2p, 5p, 10p 20p, 50p • NHM Teacher File Pgs 81-101 • NHM Teacher File Pgs 190- 195 	<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>Weekly Mental Maths Challenge</p> <p>6 Weekly Assessment</p>

<p>Look for and talk about patterns within 50</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 to make amounts and to give change.</p> <p>Use RUCSAC to complete word problems</p>	<p>given number up to 100.</p> <ul style="list-style-type: none"> Understand that there is a relationship between addition and subtraction and be able to complete number trios/clouds. <p>E.g. $10 + 7 = 17$ $7 + 10 = 17$ $17 - 10 = 7$ $17 - 7 = 10$</p> <ul style="list-style-type: none"> Insert the correct missing number e.g. $65 + * = 70$ Investigate number bonds using Cuisenaire rods to 20. Investigate numbers to 20 using 3 numbers <p>E.g. $10 + 6 + 1 = 17$</p> <ul style="list-style-type: none"> Identify 1p, 2p, 5p, 10p, 20p, 50p coins Use above coins to make various amount up to 50p 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... Use ABL to further develop the use of money and coins. 	<p>INVESTIGATION</p> <p>Pupils will be given a target number. E.g. 17 Find different ways using Cuisenaire to make 17.</p> <p>Using unifix cubes and cut out shapes complete number stories e.g.</p> <p> $+ 7 = 17$</p> <p>Using Cuisenaire rods, children find different ways to make 3 numbers add up to e.g.17</p>	<p>LANGUAGE</p> <ul style="list-style-type: none"> Number Cuisenaire How many Zero Add Subtract Takeaway Minus Equals/ the same Number clouds Symbols Add 3 numbers Number clouds Investigate Change <p>NUMBER GAMES Toss and Add 2 numbers Toss and Add 3 numbers</p>
<p>Evaluation:</p>			

Recap and discuss the importance of E-Safety. Children should discuss and reference the E- Safety policy and Cyber Tiger while engaging in ICT activities.

