

Numeracy Medium term planning – White Rose Year One.

Autumn Term 2019 **B**

Most children (stars squares and triangles groups) have now achieved the ELG for place value, and are meeting the standard for emg1 in the areas that have been taught so far in addition. Almost all of circles have also met the ELG but not necessarily the emg1 standards. During Autumn B we will complete addition and subtraction for ELG and emg 1 and hopefully finish the term with some Shape work.

Expectations are that we should meet ELG for nearly all children by Christmas and continue to work on emg 1 targets to complete by the end of Spring term.

<u>Week</u>	Activities and groups adapted as necessary following ongoing formative assessments.	<u>Starters</u> Possibly whole class or group, depending on activity and level.	<u>Group A</u>  Target-Emg 1	<u>Group B</u>  ELG	<u>Group C</u>  ELG	<u>Group D</u>  40-60+
9 Red 4-8 Nov.	<u>Addition and subtraction</u> See White Rose Autumn term plans week 5-8	Identifying missing numbers within 0 - 20, forwards and backwards. Especially backwards to continue to practise counting and number recognition from 20 - 10.	Addition: Adding more Move from counting all to counting on, missing box questions. Finding a part. Applying knowledge of part whole model to solve missing number problems, starting from the given part and counting on. Model concretely, move onto pictorial method.			
10 Yellow 11-15 Nov.		Identify missing numbers in sequences of 0 to 20. Practise addition by counting on.	Begin Subtraction-Taking away, how many left, crossing out. Explore language and process of taking away and counting remainder, working concretely and moving onto pictorially. Reasoning to solve word problems, and completing sentences before introducing the symbol.			
11 Green 18-22 Nov.		Identify missing numbers in sequences of 20 backward to at least 10. Practise subtraction by removal of a single digit from a single digit using fingers to support.	Breaking apart-subtraction symbol. Introduce the symbol in number sentences, children read and write symbol and sentences. Create subtraction story. Use concrete and pictorial methods to solve. Encourage children secure in pictorial to use mental methods. Fact families-the 8 facts. Begin to understand the relationship between addition and subtraction facts. Understand the position of equals and the use of zero. Solve number calculations and word problems. Subtraction-Counting back. Count backwards when subtracting, using a number line to jump from the whole number in ones.			

<p>12 Blue</p> <p>25-29 Nov. INSET DAY</p>		<p>Quick fire addition and subtraction using fingers with numbers 0 to 10. Addition by counting on with 2 + 1 digit.</p>	<p>Finding the difference concretely to see the difference then introduce counting on or back using a number line or mental recall.</p> <p>Assessment of Addition and subtraction for ELG/Emg1.</p>
<p>13 2-6 Dec.</p>	<p><u>Geometry</u></p> <p>2d and 3d shape</p> <p>See White Rose Autumn term plans week 9</p>	<p>Subtraction by counting back 2-1 digit.</p>	<p>Geometry recognise, name and sort 2d and 3d shapes. Make patterns with shape.</p>
<p>14</p> <p>9-13 Dec.</p>		<p>Counting to 100.</p>	<p>Christmas activities</p>
<p>15</p> <p>16-20 Dec. 19th/20th INSET days</p>			