

Stage 1 Sample lesson plan

Numeracy	Stage One Year 1	Focus area: Addition	
CMIT: Developing strong visual images of patterns and combinations for numbers will assist students to recall number facts.			
<p>Outcome NS1.2 Uses a variety of mental and informal recording methods for addition and subtraction involving one- and two-digit numbers.</p>	<p>Key Ideas</p> <ul style="list-style-type: none"> • model addition and subtraction using concrete material • develop a range of mental strategies and informal recording methods for addition and subtraction • record number sentences using drawings, numerals, symbols and words. 	<p>Language Focus Correct usage of; numerals numbers how many? number line addition add total altogether plus addition sign make.</p>	<p>Teaching and Learning Strategies Seeing patterns in addition facts – using related addition and subtraction facts to 20</p> <ul style="list-style-type: none"> • <i>‘I am going to give someone seven counters and ask them to make two groups with them. Before I do, I want you to think about how you would do it if I asked you.’</i> • Encourage students to discuss with partner using seven counters what they would do. • Ask students to demonstrate their grouping (listen to the language being used by students–assess their use of mathematical language) • Record information, eg a group of 3 and a group of 4. • How many altogether? • ask class to find other grouping (get the children to tell you that they add together to make 7). • record as a number sentence $3+4=7$. • give children other numbers between 5 and 20 over a period of time and repeat the process above using different materials, eg counters, pictures, drawings, words and symbols. • <i>always using the correct language and encouraging the students to.</i> • students need opportunities to use more efficient number strategies when completing addition and subtraction tasks use these activities: Windows, Diffy Towers, Flip and See, Teddy Tummies (students should be grouped in ability for these activities to reinforce concepts). <p>Number line – using number line to add and subtract numbers</p>