

DAY	OBJECTIVES	TEACHING ACTIVITIES (15 mins per activity)	Plenary (10 mins)	Success Criteria Must/should/could I can:	Evaluation
	Adding with cubes / on a number line Yr1005	<p>Have children sat in a circle. Have some children sit in the middle and add more children by getting two more to join them, focusing on the language e.g. I will add two more children. Have children say the word add while making an add sign with their arms. Repeat with plus. Have children say the word equals while making an equals sign with their arms. Model how to add by combining two groups of cubes and counting the total. Model how to add on a number line by starting on the first number, then doing the number of jumps for the second number e.g. to calculate $4 + 2$, start on number four and do two jumps. Emphasise need to land on a number (not between numbers) and to not skip a number. Explain how to complete activities. In groups children rotate around activities over 2 days.</p> <p>Activity 1 – Children to complete worksheet on addition: LA – to add numbers with a total below 10, using cubes (or other materials) MA – to add numbers with a total below 10 on a number line (check that children understand how to add using cubes. If they do not, work on this before using a number line with them) HA – add on a number line with numbers with a total of below 30 G+T – add on a number line with numbers with a total below 100</p> <p>Activity 2 – Play game on IWB / laptops at: http://www.sheppardsoftware.com/math.htm#earlymath: LA – Bugabaloo Addition (adding by counting shoes with numbers below 10) MA – Number Lines – Addition (adding one) HA – Number Lines – Addition (adding two) G+T – Number Lines – Addition (adding between one and nine) If using IWB, have one-minute sand-timer for children to know when to swap player.</p> <p>Activity 3 – Give children sheet with blank number sentences to complete. Children work together to write number bonds by matching animal cards available at http://www.twinkl.co.uk/resources/calculating/number-bonds/number-bonds-to-20 Laminate cards and have them in the middle of the table for children to match LA – number bonds to 5 MA – number bonds to 10 HA – number bonds to 20</p> <p>Activity 4 – Give children unifix cubes (as below) to split in different ways, and sheet with blank number sentences to complete: LA – give 5 cubes to make number bonds to 5 MA – give 10 cubes to make number bonds to 10 HA – give 20 cubes to make number bonds to 20</p> <p>TA to sit with group completing worksheets. Teacher to support other groups</p>	In talk partners, children tell their partner some of the addition sentences that they came up with during the lesson. Green partner (HA) to talk first. Then stop children and have blue partner (LA) talk, with green partner listening	M: add by combining groups of cubes S: add numbers up to 30 on a number line C: add numbers up to 100 on a number line	
		Mental: Know that numbers can be arranged in any order in an addition sentence – give children an addition sentence and ask them to write it again with the numbers swapped Carry on with previous day's lesson to rotate groups around all activities			