Transition: Counting from One (CA) to Advanced Counting   Domain: Multiplication and Division

E
CA
AC
EA
AA
AM
AP

Achievement Objectives	Number: Level 1
	Number Strategies AO1: Use a range of counting, grouping, and equal-sharing strategies with whole numbers and fractions Number Knowledge AO1: Know the forward and backward counting sequences of whole numbers to 100.

Strategies being developed	Problem progression	References	Knowledge being developed	Resources
Solve multiplication problems using skip counting in twos, fives, and tens.	4×2 as 2, 4, 6, 8 7×2 as 2, 4, 6, 8,10,12,14 3×5 as 5, 10, 15 8×5 as 5,10,15,20,25,30,35,40 6×10 as 10,20,30,40,50,60 5×4 as 2,4,6,8,10,12,14,16,18,20, or 5, 10, 15, 20	***Teaching Multiplication and Division (Book6)*** Introduction (7-8) Number Strips (8-10) ***BSM*** 11-3-54, 11-3-55	Say the forwards and backwards skip-counting sequences in the range 0-100 for twos, fives, and tens.	***Teaching Number Knowledge (Book 4)*** Counting (11) Skip-counting on the Number Line (11) Beep (12) Using Calculators (14) ***BSM*** 10-1-4, 10-1-44, 10-1-43
Solve division problems by equal sharing in ones, twos and fives.	$10 \div 2 = 5$, $20 \div 4 = 5$, $14 \div 2 = 7$, $9 \div 3 = 3$ $12 \div 4 = 3$, $15 \div 3 = 5$ $25 \div 5 = 5$, $16 \div 4 = 4$	***Teaching Multiplication and Division (Book 6)*** Twos, Fives, and Tens (21-23)	Recall groupings of twos that are in numbers up to 20	***Teaching Number Knowledge (Book 4)*** Beep (12) ***BSM*** 8-1-8, 8-1-50, 9-3-10, 9-3-53