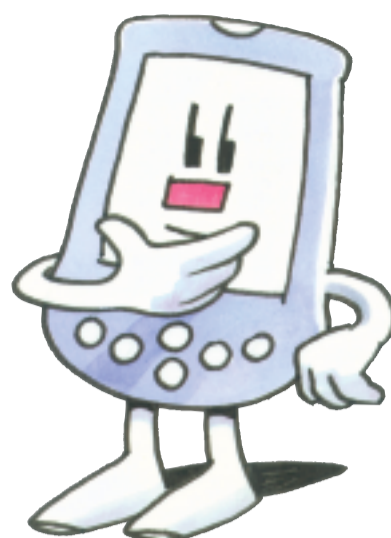


Patterns & Relationship

7 14 21 ?



Pack	Topic	Activity
1 Counting & Place Value	1.1 Counting Objects	1.1.4 Structured Counting in 5s
		1.1.5 Structured Counting in 10s
	1.2 Counting	1.2.1 Count From 0
		1.2.2 Count On in Ones
		1.2.3 Count Back in Ones
		1.2.4 Count in Steps
4 Number Patterns	4.1 Step Patterns	4.1.1 Equal Steps
		4.2.1 Addition Sequences
	4.2 Sequences	4.2.2 Adding More Sequences
		4.2.3 Multiplication Sequences
		4.2.4 Fibonacci Sequences
	4.3 Twenty Five Number Square	4.2.5 Making Up Sequences
		4.3.1 Twenty Five Square TLLR
		4.3.2 Twenty Five Square BLLR
		4.3.3 Twenty Five Square TRRL
		4.3.4 Twenty Five Square BRRL
		4.3.5 Twenty Five Square SO
	4.4 Square Patterns	4.3.6 Twenty Five Square SI
		4.4.1 Triangular Pattern
	4.5 Triangular Patterns	4.4.2 Multiplication Pattern
4.4.3 Addition Pattern		
4.6 Hundred Number Square	4.5.1 Find the Pattern	
	4.5.2 Find the Missing Numbers	
	4.6.1 Hundred Square	
8 Fractions & Decimals 2	8.1 Decimal Fractions	8.1.6 Decimal Steps
	8.5 Decimal Calculations	8.5.3 Decimals (x,+) by Powers of 10
9 Shape & Space	9.4 Shapes	9.4.1 How Many Triangles?
		9.4.2 How Many Squares?
		9.4.3 How Many Rectangles:
10 Patterns & Relationships	10.1 Linear Patterns	10.1.1 Pattern Strip
		10.1.2 Shape Line
		10.1.3 Ordinal Line
		10.1.4 Number Patterns
		10.1.5 Reversing
	10.2 Pattern in Squares	10.2.1 Multiplication Patterns
		10.2.2 Offset Patterns
		10.2.3 Other Patterns
	10.3 Pattern Games	10.2.4 Number Grids
		10.3.1 Three in a Row
10.4 Representing Numbers	10.3.2 Rectangular NIM	
	10.3.3 Triplets	
10.5 Number Machines	10.3.4 Neighbors	
	10.4.1 Dot Patterns	
	10.4.2 Number Systems	
	10.5.1 Number Machines (+ or -)	
10.6 Number Puzzles	10.5.2 Number Machines (x)	
	10.5.3 Number Machines (+, - or x)	
	10.5.4 What's the Machine Doing?	
11 Number Structure	11.2 Ordering	10.6.1 How Many Ways?
	11.3 Odds and Evens	11.2.6 Between: Decimals
	12.2 Problems: Add and Subtract	11.3.1 Combining Odds and Evens
12 Number Operations	12.3 Multiplication and Division	12.2.4 Addition Square (4x4)
	12.4 Problems: Multiply and Divide	12.3.5 Extended Multiplication Tables
		12.4.1 Multiplication Pairs
		12.4.3 Multiplication Square (4x4)
13 Number Relationships	13.1 Function Games	13.1.1 Frogs
		13.1.2 Counter Shuffle I
		13.1.3 Hanoi Tower
		13.1.4 Leap Frog[1]
	13.2 Number Machines	13.2.1 Number Machines (+,-,x)
		13.2.2 Number Machines (x and +,-)
	13.3 Equations	13.3.1 Equations ($y = x + c$)
		13.3.2 Equations ($y = mx + c$)
		13.3.3 Equations ($x + c = 2x + d$)
	13.4 Inequalities	13.4.1 Inequalities ($x + c > y$)
13.4.2 Inequalities ($x - c > y$)		
13.4.3 Inequalities ($x - c < y$)		
13.4.4 Inequalities ($x + c < y$)		
13.5 More Inequalities	13.5.1 Inequalities ($x + c < 2x + d$)	
	13.5.2 Inequalities ($x + c > 2x + d$)	
	13.5.3 Which is True?	
16 Using Number 3	16.3 Time	16.3.1 Using Timetables
	16.6 Miscellaneous Problems	16.6.1 Logic Problems