

reSolve: Mathematics by Inquiry Classroom Resources (updated to 11 September 2017)

ACM Content	reSolve Topics	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number & Algebra	Structure of Number	Handfuls (1) One is a Snail (2)	Number Sorting (2) Partitioning (2)	Counting large Collections (1) Counting Cards (1)	Chess – The Rook (1) Dominoes (2)	Cartoon Counting (2) Chess – The King and Knight (2)		Directed Number (4)
	Algebraic Reasoning					Odds and Evens (3)		
	Multiplicative Thinking						reSolve Bakery (3)	
Measurement & Geometry	Spatial Reasoning		Shadows (1) Shape Makers (1)	Reasoning with 2D Shapes (3)	Reasoning with 3D Shapes (3)	Triangle Inequality (1)	Frieze Patterns (3)	
	Understanding Measurement							
Statistics & Probability	Statistics – Variation in Data						Making Decisions with Data (3)	Reconciliation Data (1)
	Reasoning about Probability							Probability (4)

ACM Content	reSolve Topics	Year 7	Year 8	Year 9	Year 10
Number & Algebra	Structure of Number	Big Small (2) Prime Factorisation (4) Sum of Squares (1)			
	Algebraic Reasoning	Generalised Arithmetic		The Power of Algebra (4)	Sums and Differences of Squares (3)
		Other		Working with Algebra (2)	
	Proportional Reasoning		Fair Enough (1)		
Measurement & Geometry	Spatial Reasoning	Prisms & Pyramids (1)	Area of a Circle (3) Circumference (3)		
	Understanding Measurement				
Statistics & Probability	Variation in Data				
	Reasoning about Probability				