

→ Linked teaching notes provide teachers with ideas for the use of each object and suggestions for the integration of each object into daily maths lessons.



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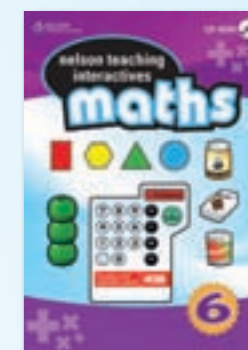
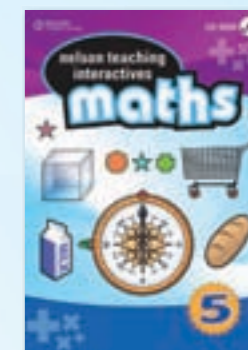
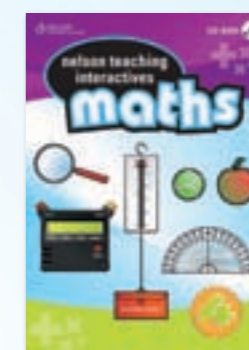
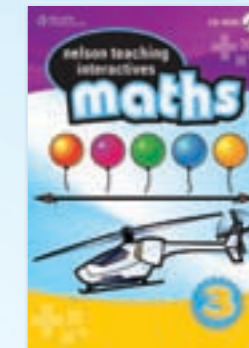
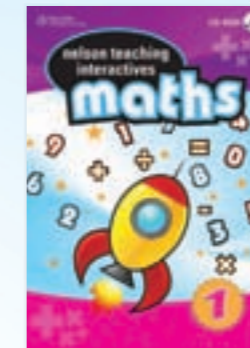
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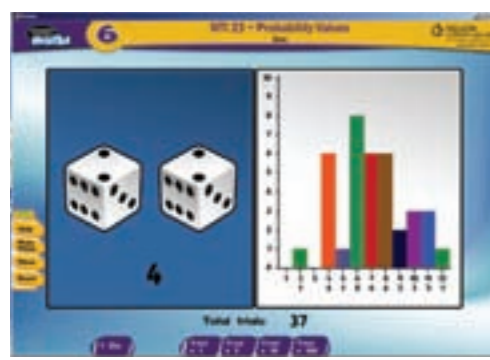
BASE SET

NUMBER

SPACE

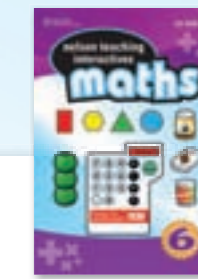
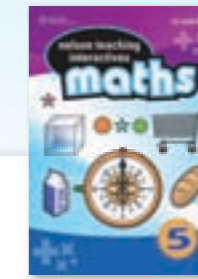
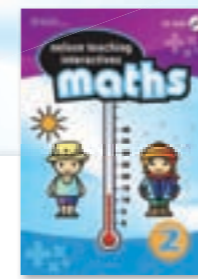
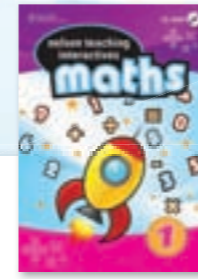
MEASUREMENT

CHANCE & DATA



← Each teaching object acts as a launch pad around which focused classroom discussion can be built.

content overview



	KEY IDEA	PREP	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
<b>BASE SET</b>	Different Representations of Number	Number Generator	Number Generator	Number Generator	Number Generator	Number Generator	Number Generator	Number Generator
	Patterns in Number	Hundreds Chart	Hundreds Chart	Hundreds Chart	Hundreds Chart	Hundreds Chart	Hundreds Chart	Hundreds Chart
	Place Value	Place-value Mat	Place-value Mat	Place-value Mat	Place-value Mat	Place-value Mat	Place-value Mat	Place-value Mat
	Arithmetic/Patterns/Technology	Calculator	Calculator	Calculator	Calculator	Calculator	Calculator	Calculator
	Time	Clocks	Clocks	Clocks	Clocks	Clocks	Clocks	Clocks
	Recording/Displaying Data	Blank Graph	Blank Graph	Blank Graph	Blank Graph	Blank Graph	Blank Graph	Blank Graph
	<b>NUMBER</b>	Counting	1:1 Matching	Number Bridge	Counters	Number Chart 10 to 1000		
Number Representation		Dot Cards Ten-frames (1)	Representations 0-20 Representations 0-99	Craft Sticks	Dominoes	Extended Notation	Roman Numerals	Abacus
Place Value		Number Cards Order		Ten-frames (2)	Base 10 Blocks	Base 10 Blocks (2)		
Other number ideas		Ordinal Numbers	Odd and Even Numbers	Think Board			Square, Prime, Composite	Factor Trees
Money		Coins	Coins and Change	Order Money Amounts	Equal Groups of Coins	Money	Cash Calculations	Money Estimates
Addition and Subtraction		Counters Under Cards Dominoes	Ten in the Bed Friends to Ten Concert Crowds		Rounding	Rounding/Estimation	Negative Numbers	BODMAS
Multiplication and Division		Compare Sets Big/Small Counting Backwards and Forwards	Chocolate Block Arrays Groups of Cups Skip Counting	Sharing Counters Number Laws	Calculations with 10, 100, 1000 Multiplication Tables Multiplication Groups	Calculations with 10, 100, 1000 Multiplication Bingo Multiplication Tables	Lowest Common Multiple	Highest Common Factor
<b>SPACE</b>	Fractions/Decimals/Percentage			Fraction Shapes Fractions Compare	Fraction Strips Fraction Card Order	Fraction Circle	Decimals Percentages Fraction Calculations	Decimal Grids Percentages Fractions Mixed/Improper
	Space 2D	2D Shapes Tessellations Lines and Pictures	2D Shape Sort	2D Shapes	Symmetry Vertical, Horizontal, Diagonal	2D Shapes Angles	Transformations Measuring Angles	2D Shapes Measuring Angles
	Space 3D	3D Shapes	3D Shape Sort Find 3D Shapes in a Picture	3D Shape Properties 3D Shape Nets Multilink Blocks	Edges, Vertices, Faces		Compass	Isometric Dot Paper
	Position	Location Words (1)	Location Words (2)			Map of Classroom	World Map	Scale Ratios
<b>MEASUREMENT</b>	Length	Measure It	Measuring Lengths	Temperature	Perimeter	Length Unit Conversions		
	Area					Area Units	Area Unit Conversions	Area Formulas
	Volume/Capacity			Capacity	Volume Measure	Litres and Milliliters	Cubic Centimeters/ Milliliters	Volumes of Prisms
	Mass	Pan Balance	Pan Balance (2)			Mass Units	Timetable	Timeline
<b>CHANCE &amp; DATA</b>	Time			Days/Months	Convert Time Units	Stopwatch	Stopwatch	World Time
	Chance	Which Way Next?	Spinners and Dice	Chance Language		Coin Toss	Sample Space	Probability Values
	Data			Tally Chart	Venn Diagram Two-way Table	Venn Diagram	Types of Graphs	Averages