

2011/2012

Essential

MATHS

Equipment



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NEWTON**

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Welcome to our 2011/2012 Essential Maths Equipment brochure. You'll find a great range of inspiring resources chosen for effective maths teaching, with the range designed to bring pupils up to speed and reinforce essential maths principles. We've added some great new products, and don't forget to check our website for more products.

What you can expect from Newton Resources is

- The best possible value
- Price match guarantee
- Personal, friendly service
- No quibble guarantee
- Help at any time
- Easy ordering

We hope you enjoy browsing, and if you do need any further information, just give us a call! If you can't find what you're looking for, let us know – we can source most items at excellent prices.

Lori Candlish
Managing Director



1. Dot Dice Set

Quality 1.6cm dice in three colours. Pack of 36.

NM0236 £6.99

2. Soft Foam Dice

A set of 200 QUIET durable and washable foam dice. Dice measure 1.6cm x 1.6cm.

NN1422 £20.99

3. Number Fans

Numbers 0-9 and a decimal point, arranged in a simple easy to hold swatch. Sold in packs of 10. Can be used with dry wipe pens.

NM6005 £7.95

4. Fraction Fans

In addition to Number Fans, we have pupil fraction fans, featuring 9 fractions and 2 blank fans to help re-enforce the concept.

NN1442 £8.80

Both 6 and 7 are available as Teacher Fans too, designed to be used at front of class. Sold in packs of 2.

NM6004 Teacher Number Fan £6.45

NN1441 Teacher Fraction Fan £5.60

5. Base Ten Set

Base Ten equipment brings to life the relationships between units, tens, hundreds and thousands. Each piece is marked in centimetre squares to highlight how each unit relates to the whole. Group Set and Number Set are both available. Group Set contains 100 yellow cube units, 50 green rods (tens), 30 blue flats (hundreds) and 4 red blocks (thousands). Number Set is a smaller version, containing 100 yellow cubes, 10 green rods, 10 blue flats and 1 red block.

NM1635 Group Set £19.90

NM1636 Number Set £8.95

6. Clearview Base 10 Set

An excellent value set including 100 cubes, 30 rods and 15 flats. The transparent red and blue pieces are very tactile and fit together securely.

NQ0020 £8.00

7. Binostat

A device for the practical demonstration of binomial distribution and Pascal's Triangle. Approx size 30cm x30cm x30cm.

NM1701 £26.00

8. Probability Kit

Practical demonstrations to prove the Theory of Probability and investigate random and selective sampling, binomial expansion and distribution. Includes a variety of apparatus, accessories, and booklet as shown. Inclusive of Binostat.

NM1702 £35.00

9. Clever Catch Balls

Simply throw the inflatable Ball around, and the pupil who catches it answers the question under their left thumb. Designed for a fun, quick way to practice maths, and excellent as revision aides. Can be played in pairs, small groups or used with the whole class. Answer sheets included. Ball size 24"

NL1016	Blank Clever Catch	£8.50
NM1410	Addition Clever Catch	£8.50
NM1411	Subtraction Clever Catch	£8.50
NM1402	Multiplication Clever Catch	£8.50
NM1412	Division Clever Catch	£8.50
NM1463	Mental Maths Clever Catch	£8.50
NM1406	Time Clever Catch	£8.50
NM1421	Shapes Clever Catch	£8.50
NM1420	Measurements Clever Catch	£8.50
NM1403	Fractions Decimals % Clever Catch	£8.50
NM1467	Probability & Statistics Clever Catch	£8.50
NM1404	Pre-Algebra Clever Catch	£8.50
NM1416	Algebra Clever Catch	£8.50
NM1417	Geometry Clever Catch	£8.50
NM1568	Trigonometry Clever Catch	£8.50
NM1419	Numbers 0-25 Clever Catch	£8.50

10. Toss N'Talk Balls

These talking Clever Catch® balls contain a voice module inside the ball which randomly calls out one of the maths operations that the student is to perform on the numbers which wind up under their two thumbs. The possibilities are endless.

NM2001	Addition & Subtraction	£15.50
NM2002	Add, Subtract, Multiply, Divide	£15.50
NM2003	Fractions, Decimals, Percentages	£15.50

11. Calculator – Simple

Each £1.60

Class pack of 30 with storage box and classroom emulator

NN1481 £49.50

12. Calculator – Scientific

2 line LCD display shows sum and answer. 240 functions including angle and statistical calculations, co-ordinate conversion, fractions, reciprocals. Algebraic logic – enter calculations as written. Slide on hard case. Battery operated 2x LR44.

NM6205	Each	£3.90
NM6205/30	Class pack of 30 with storage box	£105.00

13. Maths Posters

Great products to reinforce important concepts and excellent for visual learners. A1 in size.

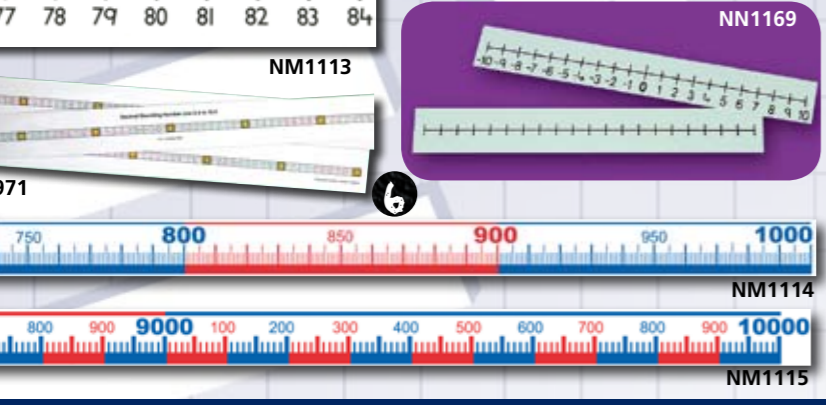
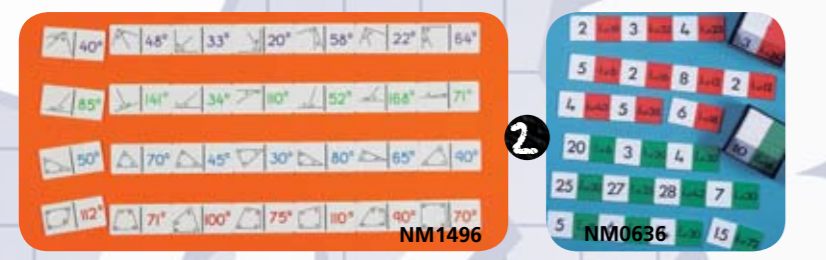
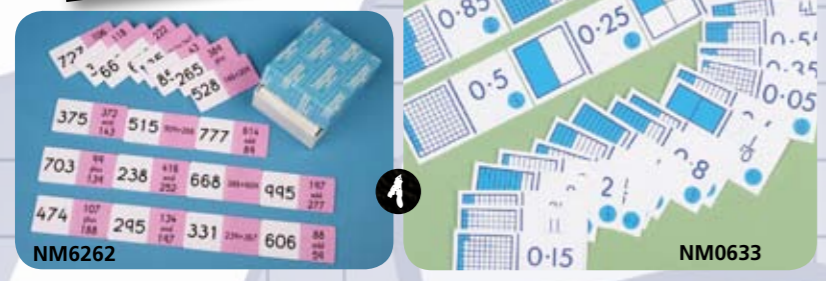
NM0018	Algebra Info Poster	£3.50
NM0026	Angles & their Measurements Poster	£3.50
NM0025	Angles Properties Poster	£3.50
NM0027	Area & Perimeter Poster	£3.50
NM0047	Averages Poster	£3.50
NM0028	Circles Properties Poster	£3.50
NM0029	Circles Theorems Poster	£3.50
NM0004	Fractions Decimals % Poster	£3.50
NM0020	Graphs & Their Equations Poster	£3.50
NM0006	Multiplication Chart	£3.50
NM0009	Prime Numbers Poster	£3.50
NM0037	Quadrilaterals Poster	£3.50
NM0021	Rules for Indices Poster	£3.50
NM0013	Simple Fractions Poster	£3.50
NM0038	Solids & their Nets Poster	£3.50
NM0043	Trigonometry Poster	£3.50

If you can't see a topic you're after let us know and we'll see if we can find it for you!



Only £3.50 each

PRICES HELD



1. Maths Domino Sets
Each set contains 24 plastic dominoes designed to give practice at and increase familiarity with common operations and concepts.

NM6261	Addition to 100	£6.50
NM6262	Addition to 1000	£6.50
NM6263	Subtraction from 100	£6.50
NM6264	Subtraction from 1000	£6.50
NM0962	Fractions Addition	£6.25
NM0963	Fractions Subtraction	£6.25
NM1941	Improper Fractions	£6.25
NM6266	Basic Decimals Addition	£6.50
NM6267	Basic Decimals Subtraction	£6.50
NM0633	Decimal Fractions (Large)	£7.25
NM0624	Percentages	£6.25
NM0638	Currency Percentage Discount	£6.25
NM6269	Volume (Large)	£7.50
NM6270	Volume Calculation (Large)	£7.50
NM0966	Area Calculation (Large)	£7.25
NM0965	Perimeter Calculation (Large)	£7.25

2. Maths Domino Multiple Sets
Colour-coded sets of 24 dominoes

NM0636	Number Fractions, 2 sets	£11.75
NM0902	Algebra Links, 2 sets	£11.50
NM1496	Angle Calculation, 4 sets	£18.99

3. Snap Games
Decks of cards for playing snap or pairs by matching equivalents.

NM6201	Maths (Four function plus squares and roots)	£2.95
NM6202	Fraction Action (Fractions, decimals, percentages)	£2.95
NM6210	Times tables	£2.95
NM6209	Four Function	£2.95

4. What's the Point?
A fun, visual way to help master a difficult concept. Players flick the spinner and hope for a match to their hand of fraction, decimal or percentage cards. The more cards you can put down, the sooner you win. Contains 1 board with spinner, 48 cards and self-checking guide with instructions.

NM6200		£9.50
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5. Trilemma
Choose your individual level of skill to answer questions on times tables, square numbers, factors, multiples etc. Place your counter on the answer and try to get three in a row to win the game. Contents: 1 playing board, 60 multi-levelled question cards, 80 coloured counters and instructions.

NM6211		£9.50
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6. Number lines

NM1112	Blank Number Wall Line (2m)	£11.99
NM 1110	-50 to +50 Wall Line (2m)	£10.99
NM1113	0-100 Wall Line (2m)	£11.99
NM1114	0-1000 Wall Line (5m)	£35.00
NM1115	0-10000 Wall Line (10m)	£39.50
NM1111	Blank Desktop Number Lines 2 colour line & black graduations. 100x6 cm, pack of 5	£7.99
NM1170	0-20 Lines Blank desktop number line on reverse. 30x6cm, pack of 6	£4.75
NN1170/30	As NN1170 Class Pack of 30	£19.99
NN1169	-10 to +10 Blank desktop number line on reverse. 30x6cm, pack of 6.	£4.75
NN1169/30	As NN1169 Class Pack of 30.	£19.99
NN1413	0-100 Desktop Line 100x3cm, pack of 6	£5.25
NM1001	-50 to +50 Desktop Line. 100 cm, pack of 5. Alternate decades red & blue. With marker pen.	£7.50
NM1971	Decimal Rounding Desktop Line 102x6cm. With storage bag and marker pen	£2.70

7. Trundle Wheel
Designed for durability with a rubber tyre to maintain accuracy. The pointer on the wheel helps children to measure intermediate distances. Ideal for calculating distances, shapes, areas and angles. Clicker to register every 10cm or 1m (or off), or can be replaced with 4 digit counter to record up to 9999m. Size when stored 37 x 45cm, overall assembled length 83cm.

NM1637	Trundle Wheel	£8.50
NM1638	Counter	£7.60

8. Mtrilog
Mini Trundle Wheel which measures up to 99cm within a 5% tolerance. Ideal for map work or other desk-based measuring activities. Ridged wheel, easy-to-grip handle and clear viewing window. Excellent for map work

NM1640		£2.75
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9. Metric Calliper
Measures most shapes from 1mm to 30cm by simply reading measurements through a single viewing window.

NM1750		£4.50
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10. Tape Measure
Tough, washable nylon-reinforced plastic tape measure, 1m x 3cm with 1cm and 10cm markings. With product guide.

NM1751	Pk/10	£7.95
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11. Digital Stopwatch
An affordable multi-function stopwatch. Features colour-coded captive buttons for easy reference, neck cord, 1/100 second timing, lap and split timing, alarm, calendar, and has a capacity of 23h 59m 59s.

NM0382	single	£3.50
NM0382/3	pack of 3	£9.99

12. SATZ Stopclock
A digital stopclock designed specifically with education in mind. Accurate to 1/100th of a second.

NS0176		£12.50
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13. One Second Stop Clock
Simple one second stopclock. Very simple to use. Counts in whole seconds up to 20 minutes. Includes safety wrist cord, clipboard clip and integral desk stand.

NS0175		£5.50
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14. Balances
Great value balances. Choice of 200x 0.1g and 2000x 1g. Easy to calibrate with external mass for accurate weighing. Includes 4x AA batteries.

NS0010	2000x1g	£32.50
NS0011	200x0.1g	£32.50

15. Clinometers
A choice of two clinometers. Our Mark 1 clinometer is a traditional lightweight angle-measuring instrument used to calculate heights. Wheel size 13cm diameter. The Mark 2 Clinometer is compact, with no external moving parts, and a combined "sighting" angle-reading eyepiece. A viewing window on the side of the clinometers allows a second person to check a reading. All angles in degrees, followed by a plus or minus to indicate an upward or downward slope. Size of wheel 14cm diameter. Both products come complete with product guides.

NM0007	Mark 1	£7.40
NM0008	Mark 2	£8.85

16. Protractor Pads
These are the perfect tool to have in your drawer for working with angles! Printed on durable tracing paper, they can do all the things a protractor can and more. It can be stapled to homework sheets, it can be folded in half. Supplied in pads of 50.

NM1581		£2.85
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New to Newton!

A comprehensive system of geometric plastic shapes for exploring geometry, numeracy and spatial awareness, Polydron's interlocking pieces in durable ABS plastic are a valuable classroom resource.

Shapes are available as interchangeable solid or frame pieces which connect along their edges to form 2D and 3D shapes which can be folded and unfolded. The frame pieces allow students to see through individual shapes and models and investigate shapes and angles, edges and vertices. More advanced students can look deeper into the mathematical concepts such as angles, planes and tangents. To extend the range of shapes still further, Sphera sets contain curved pieces.

polydron

Shapes and Geometry



1. Polydron Platonic Solids Set

A great student set of Polydron geometric construction shapes. Build and explore the 5 Platonic solids all at once. Contains 32 Equilateral Triangles, 12 Pentagons and 6 Squares.

NM3001 £18.75

2. Polydron Basic Pack

This basic pack contains 164 pieces made up of 100 Equilateral Triangles, 40 Squares and 24 Pentagons and includes exploring Polydron activity booklet, and is ideal for small groups to work with and explore these three basic shapes.

NM3002 £59.15

3. Polydron Class Pack

This class set is ideal for small group use in the classroom. 184 pieces made up of 100 Equilateral Triangles, 20 Hexagons, 40 Squares and 24 Pentagons. With storage container and activity booklet.

NM3004 £84.00

4. School Geometry Sets

Ideal for the active classroom, these sets each contain 266 pieces of 7 different mathematical shapes. Each set enables you to build many types of nets, prisms, cuboids and pyramids and covers all the activities in the "Mathematics with Polydron" resource book (NM3044). Packed in a sturdy case for easy transportation, the sets contain 80 Equilateral Triangles, 40 Right Angle Triangles, 60 Isosceles Triangles, 24 Root 2 Triangles, 30 Squares, 20 Hexagons, and 12 Pentagons and 2 Polydron protractors with an activity booklet.

NM3005 Polydron Set £138.00
NM3052 Frameworks Set £98.00

5. Polydron Sphera Class Set

An ideal class set to build over 16 different spherical models all at once. A total of 196 pieces (36 sphere segments, 72 quadrants, 16 cone segments, 12 rectangles, 20 squares and 40 right-angled triangles) in a storage container with activity booklet.

NM3026 £113.00

6. Polydron/Frameworks/Sphera Mixed Set 3

A mixed set containing 520 pieces: Polydron - 100 equilateral triangles, 60 squares, 24 pentagons, and 40 right angle triangles. Frameworks - 30 hexagons, 50 rectangles, 80 isosceles triangles. Sphera - 36 spheres, 12 cylinders, 72 quadrants and 16 cone pieces. Packed in a storage container and includes an exploring booklet.

NM3072 £216.50

7. Mathematics with Polydron Book

A wide range of structured activities provided as a set of photocopiable worksheets with accompanying Teacher's notes. Each activity encourages an inquisitive approach to mathematics while working in a practical way with Polydron. 110 pages. Ages 10-14

NM3044 £12.30

8. Single Shapes

NM3010 100 Equilateral Triangles	NM3060 160 Frameworks Equilateral Triangles
NM3011 60 Isosceles Triangles	NM3061 80 Frameworks Isosceles Triangles
NM3012 80 Right Angle Triangles	NM3062 100 Frameworks Right Angled Triangles
NM3013 50 Large Equilateral Triangles (Root 2)	NM3063 60 Frameworks Equilateral Triangles (Root 2)
NM3014 40 Squares	NM3064 80 Frameworks Squares
NM3015 40 Rhombus	NM3065 50 Frameworks Rectangles
NM3016 30 Rectangles	NM3066 40 Frameworks Pentagons
NM3017 24 Pentagons	NM3067 30 Frameworks Hexagons
NM3018 20 Hexagons	NM3068 18 Frameworks Octagons
NM3032 32 Cone Pieces	NM3030 24 Sphere Pieces
NM3033 24 Cylinder Pieces	NM3031 48 Sphera Quadrant Pieces

Each pack £19.70

Many other sets, spares and books available, please call us or see our website for more information.

9. Isotiles®

An innovative maths resource for teaching shape, tessellation and geometry, which can also be applied to many more mathematical concepts, ISOTILES® are two triangular shapes; one isosceles and one equilateral in two colours of durable plastic, with their relationship based on the 'Golden Ratio'. See our website for more information and ideas on how to use Isotiles.

Supplied in packs of 20 tiles (10 of each shape) with CD ROM work book.

NM1579 Individual set (2 packs plus CD) £7.50

NM1580 Classroom set (10 packs plus CD) £27.50

10. Geometric Tracer Set

The set contains 17 transparent shapes: octagon, hexagon, pentagon, square, equilateral triangle, rectangle, circle, ellipse, parallelogram, heptagon, chevron, kite, rhombus, scalene, trapezium, right hand triangle and isosceles triangle. The shapes have angled edges for 2-dimensional tracing or making networks to draw 3-D models. Each shape is named, and wherever possible, they have common 5cm sides.

NM1578 £5.20

11. Pin Boards

A pack of 8 coloured double-sided 22 x 11 and isometric pinboards. Use for demonstrating geometric concepts, shapes, working out areas, symmetry work and fractions. Includes elastic bands.

NM6203 £15.75

12. Area Measuring Grids

Marked in centimetre squares, these flexible washable Grids are ideal for calculating areas of regular or irregular shapes, quadrant and nature study work. Acetate - can be used with overhead projector. Pack of 2. 25cm x 25cm

NM1740 £3.45

13. Large 3D shapes

A set of 12 bright 3D 8cm plastic geometrical shapes, with three shapes of each colour. Allows exploration of the relationship between area, volume, shape, form, size, pattern and shape recognition. Comprises sphere, square cylinder, round cylinder, cone, cube, rectangular prism, hexagonal prism, triangular prism, square pyramid, a hemisphere, octagonal prism and pentagonal prism. Complete with storage box and product guide.

NM1589 £15.50

14. Geometrical Models

A complete set of 25 3D shapes. Recognised as the best "serious" geometrical shapes set, they are accurately made with size relationship of 50mm base section or diameter and 100mm vertical height.

NM0361 £28.50

14. Folding Geometrical Shapes

Perfect for hands-on learning and illustrative teaching of symmetry, perimeter, surface area and volume. Set of eight 2-in-1 geometrical models shows both 2D and 3D solids. Each shape is in fold out net form (2D) and clear plastic casing (shows 3D). Includes cylinder, square pyramid, cube, rectangular prism, cone, hexagonal prism, triangular prism and triangular pyramid.

NM0241 £26.10

16. View-Thru Shapes and Solids

Perfect for hands-on activities in which students estimate, measure and compare area, volume and capacity. Clear design means pupils can see all angles and vertices. Fill with liquid or dry material. Includes a large version of triangular pyramid, square pyramid, hemisphere, sphere, cone and pentagonal prism, plus large and small versions of cube, rectangular prism, triangular prism and cylinder. Measure 10cm or 5cm each.

NM0243 £22.50



write n wipe boards



1. Money and Finance Kit

This comprehensive classroom Money and Finance Kit includes all of the elements of how to manage money in a responsible way in today's modern world. The kit includes: Credit, Debit and Store Cards, Paying in Slips, Cheques, Statements, Coins and Notes. Many of the components are provided in re-useable acetate sheet format for photocopying and overhead projection. The notes are made in synthetic paper so that they are non tear, very flat and wipe-able.

NM0121

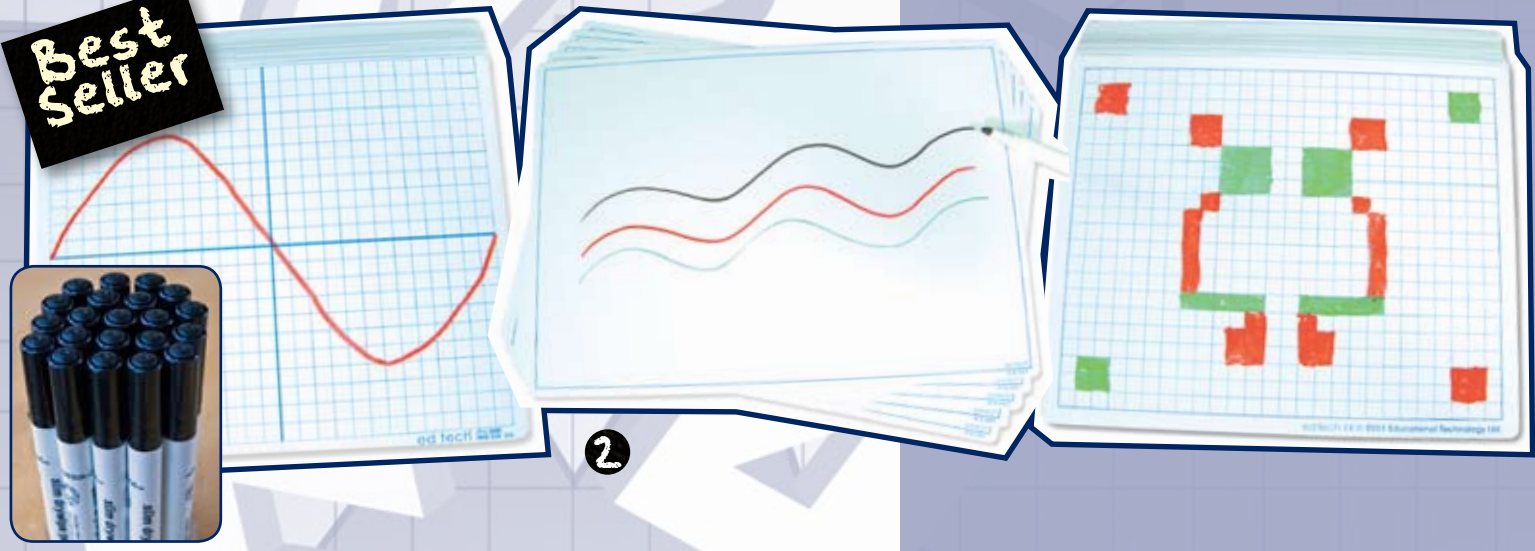
£49.95

2. Write N Wipe Boards

Made from high quality "no tear" plastic which will accept a dry wipe or wet marker pen (available below). These wipe boards are a great value product, offering endless scope and possibilities for use. The range includes the most versatile blank board, XY axis board and a grid board. Dimensions are 280mm x 230mm. Supplied in packs of 30. A3 Blank Boards also available, supplied in packs of 5.

NM6112	Blank Write N Wipe Board	Pk 30	£10.99
NM6116	Grid Write N Wipe Board	Pk 30	£10.99
NM6117	XY Axis Write N Wipe Board	Pk 30	£10.99
NM6114	A3 Blank Write N Wipe Board	Pk 5	£12.50
NN1461	Whiteboard Pens	Pk 10	£4.00
NN1462	Whiteboard Pens	Pk 50	£18.95

Best Seller



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UK Delivery Times and Charges

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