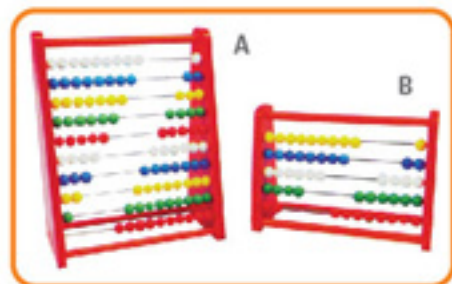


## Mathematics

### Abacus - Base 10



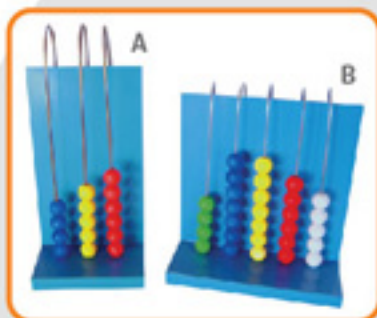
#### Item code: Ma1

- A wooden standing model with row of coloured plastic beads
- A) 10 rows of beads, 315 x 240mm
- B) 5 rows of beads, 180 x 240mm

### Abacus - Hooped

#### Item code: Ma2

- Solid wood base for stability with metal hoops and coloured beads
- A) 3 loops with 10 beads each, 150 x 135mm
- B) 5 loops with 10 beads each, 150 x 200mm



### Balance - Mathematical



#### Item code: Mb1

- By placing weights on this durable plastic balance children learn the meaning of number values
- Set includes a 220 x 660mm balance with 20 x 10gm weights

### Balance - Rocker

#### Item code: Mb2

- Excellent introduction to the concepts of weight, volume and the principles of measurement of weight by means of a balance
- Two pans are cubes of plastic graduated in cm squares for simple calculations



## Mathematics

### Balance - Simple



**Item code: Mb3**

- Simple beam balance teaches pupils the basic concept of mass and balance
- Hardwearing construction also has an adjustable zero setting

### Base Ten

**Item code: Mb4**

- 3 dimensional model set assists pupils to grasp the relationship between units, tens, hundreds and thousands.
- Each piece is marked in centimetre squares to demonstrate how each unit relates to the whole
- Set Combination:
  - 100 units cubes ( $1 \times 1 \times 1\text{cm}$ )
  - 10 rods ( $1 \times 1 \times 10\text{cm}$ )
  - 10 flats ( $1 \times 10 \times 10\text{cm}$ )
  - 1 cube ( $10 \times 10 \times 10\text{cm}$ )



### Beads & Laces

**Item code: Mb5**

- Sets develop learners' concepts of grouping, ordering and number association
- Small and large beads supplied in sets of 100 with 4 laces

### Binostat

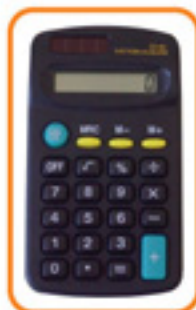
**Item code: Mb6**

- A probability instrument that visually demonstrates binomial distribution
- Balls are fed in at the top and randomly bounce on the pegs towards the tray, forming a histogram
- Supplied with 150 balls



## Mathematics

### Calculator - Maths



**Item code: Mc1**

- Economical
- Robust model, 8 digit
- School Scientific calculator also available

### Chalkboard Apparatus Set

**Item code: Mc2**

- Suitable for blackboard use and is made from solid hardwearing plastic
- A handle in the centre allows for steadiness when used on the blackboard
- Compass has a piece of chalk on one end and a rubber/steel point tip option
- Set consists of:
  - 1m ruler
  - 30°/60° set square
  - 45° set square
  - Protractor
  - Compass (dividers)
- Optional extra: 1m Chalkboard T-square



### Clock Face

**Item code: Mc3**

- Lightweight clock is 220 x 220mm and is made of strong durable plastic, perfect for classroom demonstrations
- The two hands move independently so that the time before and after the hour can be shown without the hour hand moving

## Mathematics

### Cubes - Interlocking



#### Item code: Mc4

- Multi-use system of fully interlocking cubes each made at precisely one cubic centimetre and one gram
- Activities include counting, patterns, grouping, colour identification, building 3d models and for measuring length, volume and weight
- 10 colours supplied in packs of 100

### Fractions

#### Item code: Mf1

- Boards illustrate the concept of fractions of a whole number and the relationships that exist
- Plastic printed tiles are supplied with a baseboard



### Fraction Strip Set (9 Colour)

#### Item code: Mf2

- Rectangular pieces
- Representing  $1$ ,  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$ ,  $\frac{1}{7}$ ,  $\frac{1}{8}$ ,  $\frac{1}{10}$ ,  $\frac{1}{12}$
- Each size in different colour
- Easy to use fraction set

### Geometric Shapes

#### Item code: Mg1

- These two dimensional shapes are suitable for studying shape, area, simple sorting and mosaic building
- 16 shapes, 10 colours of each shape in different colours, supplied in a plastic tray



## Mathematics

### Geometric Kit - Learner's Pack (Target 100)



**Item code: Mg2**

- Similar to Mg3 but smaller pieces
- For individual learner or group work
- With instruction/teaching booklet

### Geometric Kit - Teacher's Pack (Target 100)

**Item code: Mg3**

- Large set of magnetised plastic geometry pieces
- With instruction booklet
- For teaching geometry and trigonometry at secondary level



### Measuring Set

**Item code: Mm1**

- Contains 7 different measuring instruments in a display tray
- Set consists of:
  - 1) Clinometer - to calculate height
  - 2) Graduated calliper - for measurements up to 20cm
  - 3) Bow calliper - for measurements up to 65cm
  - 4) Diameter gauge - to measure up to 15cm
  - 5) Feeler Gauge - 6 gauges, 1 - 5mm
  - 6) Depth Gauge - height and inside depth up to 200mm
  - 7) 5 primary rules - 25cm with holes for hanging





## Mathematics

### Number Boards - 100



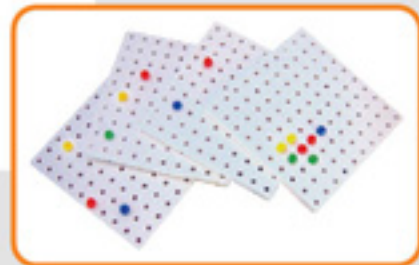
#### Item code: Mn1

- Children can use these boards to learn basic counting, multiplication, subtraction, addition, division and multiples
- Boards are 220 x 220mm

### Oxford Level

#### Item code: Mo1

- This uniquely designed spirit level can measure an angle from the horizontal or vertical of any surface with an accuracy of  $0.5^\circ$



### Pegboard & Pegs

#### Item code: Mp1

- This set is ideal for sequencing, sorting and pattern symmetry
- 5 plastic 100 hole (150 x 150mm) pegboards with 500 assorted coloured pegs

### Pinboard & Elastic Bands

#### Item code: Mp2

- These boards are useful for demonstrating geometric concepts, working out areas, symmetry work, representing fractions and introducing the naming of shapes
- The boards are 220 x 220mm with a 2cm grid on one side and a circle board on the reverse
- Each board is supplied with a set of elastic bands
- Clear plastic boards are available for use on overhead projectors



## Mathematics

### Posters



#### Item code: Mp3

- A1 size
- 2-colour
- On algebra, geometry and trigonometry
- Individual titles of above posters available

### Rods - Colour (Cuisenare Rods)

#### Item code: Mr1

- Rods are used to demonstrate basic mathematical operations
- Size and colour of the rods represent abstract numbers
- 10 different colours, 250 pieces



### Spinner

#### Item code: Ms1

- A durable 220 x 220mm plastic board with spinner suitable for developing understanding of probability
- As well as basic arithmetic functions

### Wheel - Trundle

#### Item code: Mw1

- Each full rotation is registered by a loud click signifying that a metre has been travelled

- A) Superior quality  
B) Economy type

