



Number and Calculation

Standard resources:

- ✓ Wipe clean boards and pens
- ✓ Pencils
- ✓ Scrap paper or workbooks
- ✓ Large board / flip chart

- ☐ Number cards 1–10
- ☐ Bowls or paper plates
- ☐ Counters
- ☐ Number cards 0–20
- ☐ Word cards numbers 1–20
- ☐ 100 squares
- ☐ Highlighter pens
- ☐ Ball or beanbag
- ☐ Number tiles 1–20 (to stand on)
- ☐ Chalk
- ☐ A4 paper folded into zig zag books
- ☐ Dice
- ☐ Puppet
- ☐ Triangle / drum
- ☐ Pairs of number cards for number bonds to 20
- ☐ Operations cards (+ - =)
- ☐ Large paper
- ☐ Scissors

Measurement and Shape

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- ☐ Sand in a tray
- ☐ 4 containers of various sizes
- ☐ Cup
- ☐ Multilink cubes
- ☐ Sticky notes
- ☐ Classroom objects to measure
- ☐ Centimetre rulers
- ☐ Balance scales
- ☐ Transparent containers
- ☐ Water
- ☐ Measuring cylinders
- ☐ Metre sticks
- ☐ Small world animals
- ☐ Examples of each coin and note
- ☐ Purses
- ☐ Teaching clock with movable hands
- ☐ Small stickers
- ☐ 2D shapes attribute set
- ☐ Feely bag
- ☐ Felt tip pens
- ☐ Real life solid 3D solids
- ☐ Mathematical 3D solid attribute blocks
- ☐ Lolly sticks
- ☐ Strings
- ☐ Sticky tape
- ☐ Counters
- ☐ Plasticine
- ☐ Plastic cups
- ☐ Small ball / marble



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- ☐ Big box of multilink cubes
- ☐ Paper number tracks to 20, 30, 50
- ☐ Number cards 1–100
- ☐ Set of arrow (place value) cards
- ☐ Manipulatives for counting (e.g. dinosaurs, buttons, sweets, etc.)
- ☐ Laminated 100 square
- ☐ Sufficient counters for 30 per child
- ☐ Base 10 apparatus
- ☐ Dice
- ☐ Cards (+ - x =)
- ☐ Highlighter pens
- ☐ Coloured pencils

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- ☐ Coins: 1p, 2p, 5p, 10p, 20p, 50p, £1, £2
- ☐ Bag of mixed varied coins
- ☐ Purses containing a number of coins between 23p and £4
- ☐ Bathrooms scales
- ☐ Kitchen scales
- ☐ Items to measure (e.g. shoe, cup, book, key)
- ☐ Measuring cylinders and jugs of varying sizes
- ☐ Cake tin, mixing bowl, and mug
- ☐ Mercury thermometer
- ☐ Cups of water of different temperatures
- ☐ Sticky notes
- ☐ 1 minutes timer
- ☐ Working analogue clock
- ☐ Glue or sticky tape
- ☐ Analogue clock or clock face with movable hands
- ☐ Ruler
- ☐ Plastic mirrors
- ☐ Regular 2D shapes: square, triangle, circle, rectangle, pentagon
- ☐ 3D solids: sphere, cube, cuboid, square pyramid, cone, triangular prism
- ☐ Plasticene
- ☐ Paint in a tray
- ☐ Everyday 3D solids for sorting (e.g. cereal packets, etc.)
- ☐ Hoops for sorting
- ☐ PE cones
- ☐ Blindfold
- ☐ Coloured counters
- ☐ A3 paper
- ☐ Rubber bands
- ☐ 21 wrapped sweets
- ☐ Large collection of magnetic letters
- ☐ Squared paper



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- | | |
|---|--|
| <input type="checkbox"/> Number cards from 100–1200 in 100s | <input type="checkbox"/> Metre stick |
| <input type="checkbox"/> Base 10 apparatus | <input type="checkbox"/> Clipboard |
| <input type="checkbox"/> Stack of books to make a staircase | <input type="checkbox"/> Sticky tack |
| <input type="checkbox"/> Counters/cubes 5 | <input type="checkbox"/> Number track with 10s up to 200 |
| <input type="checkbox"/> Dice | <input type="checkbox"/> Selection of 20 cards with 3 digit numbers on them |
| <input type="checkbox"/> 100 square for each child | <input type="checkbox"/> Coin |
| <input type="checkbox"/> Large display 100 square for adult | <input type="checkbox"/> 5 sets of number cards 0–10 |
| <input type="checkbox"/> Numbers cards with multiples of 4 from 0–48 (enough for each pair of children) | <input type="checkbox"/> 20 number cards with a selection between 100 and 500 |
| <input type="checkbox"/> Cubes | <input type="checkbox"/> Number tracks (various) |
| <input type="checkbox"/> Crayons | <input type="checkbox"/> Number balance |
| <input type="checkbox"/> HTO place value grids | <input type="checkbox"/> Highlighter pens |
| <input type="checkbox"/> Place value (arrow) cards | <input type="checkbox"/> Squared paper |
| <input type="checkbox"/> Number cards: multiples of 50 from 0–600 | <input type="checkbox"/> Multilink cards |
| <input type="checkbox"/> Cards with 3 digit numbers on them | <input type="checkbox"/> Sets of 20 objects, e.g. rubber, beads, counters, pencils |
| <input type="checkbox"/> A bag or box | <input type="checkbox"/> Sets of 10 objects |
| <input type="checkbox"/> A4 cards with a selection of numbers up to 100 | <input type="checkbox"/> Scissors |
| <input type="checkbox"/> Playing cards with numbers 1–100 | <input type="checkbox"/> Plain paper plates |
| <input type="checkbox"/> Wellington boot | <input type="checkbox"/> Decorated paper plates |
| <input type="checkbox"/> Trundle wheel | <input type="checkbox"/> 5 circles of paper per child |
| | <input type="checkbox"/> Glue sticks |
| | <input type="checkbox"/> Marker pens |

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|---|--|
| <input type="checkbox"/> Variety of containers: large, small, tall, thin, wide, etc. | <input type="checkbox"/> Money number track |
| <input type="checkbox"/> Mop and bucket | <input type="checkbox"/> A4 analogue clock face with moving hands |
| <input type="checkbox"/> Colouring for water if possible | <input type="checkbox"/> Digital clock |
| <input type="checkbox"/> Number tracks with ml up to 2L | <input type="checkbox"/> Stopwatch |
| <input type="checkbox"/> Selection of rulers or tape measures with different start points | <input type="checkbox"/> 24hr clock face |
| <input type="checkbox"/> Metre wheel / metre stick | <input type="checkbox"/> Scissors |
| <input type="checkbox"/> Selection of items to measure | <input type="checkbox"/> Selection of 2D shapes |
| <input type="checkbox"/> Number tracks | <input type="checkbox"/> Feely bag with a selection of 3D shapes |
| <input type="checkbox"/> Counters | <input type="checkbox"/> Sorting hoops |
| <input type="checkbox"/> Cubes | <input type="checkbox"/> Selection of empty 3D packets |
| <input type="checkbox"/> Selection of packets of different weights | <input type="checkbox"/> 350gm wrapped sweets |
| <input type="checkbox"/> Selection of coins | <input type="checkbox"/> 15–20 different coloured items (no more than 8 colours) |
| <input type="checkbox"/> Notes (£5) | <input type="checkbox"/> Examples of tables (e.g. from back of food packet, timetable) |
| <input type="checkbox"/> Pots | |
| <input type="checkbox"/> Bags | |
| <input type="checkbox"/> Partitioning grid (money) | |



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|---|---|
| <input type="checkbox"/> Number track 0–100 in jumps of 10 | <input type="checkbox"/> Number track from -20 to 20 marked in ones |
| <input type="checkbox"/> Number track 0–1000 in jumps of 100 | <input type="checkbox"/> A range of cards (20) between -30 and 15 |
| <input type="checkbox"/> Number track 0–10,000 in jumps of 1000 | <input type="checkbox"/> 1,200 – 4,500 number track |
| <input type="checkbox"/> Counters | <input type="checkbox"/> Highlighter pens |
| <input type="checkbox"/> Multilink cubes | <input type="checkbox"/> Plain paper plates |
| <input type="checkbox"/> Coloured pencils | <input type="checkbox"/> Decorated paper plates |
| <input type="checkbox"/> 100 squares | <input type="checkbox"/> Scissors |
| <input type="checkbox"/> Six times table number strips | <input type="checkbox"/> Strips of paper made from A3 paper (different colours if possible) |
| <input type="checkbox"/> Nine times table number strips | <input type="checkbox"/> Glue sticks |
| <input type="checkbox"/> Place value cards | <input type="checkbox"/> Coins |
| <input type="checkbox"/> Place value grids | <input type="checkbox"/> Coloured dice |
| <input type="checkbox"/> Base 10 apparatus | <input type="checkbox"/> Family fraction strips or fractions wall |
| <input type="checkbox"/> Sticky tack | <input type="checkbox"/> 1–5 number track marked in 10ths |
| <input type="checkbox"/> Feely bag or bowl | <input type="checkbox"/> 0–2 number track showing 10ths and 100ths |
| <input type="checkbox"/> Dice | |
| <input type="checkbox"/> Number cards 0–9 | |
| <input type="checkbox"/> Number cards 0–100 | |
| <input type="checkbox"/> Place value counters | |
| <input type="checkbox"/> Negative numbers dice | |

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- | | |
|--|---|
| <input type="checkbox"/> Selection of small items to measure (e.g. book, rubber, magazine, etc.) | <input type="checkbox"/> 2D shapes |
| <input type="checkbox"/> Metre wheel | <input type="checkbox"/> A4 sized analogue clock face |
| <input type="checkbox"/> Metre stick | <input type="checkbox"/> Clocks showing 12hr and 24hr time |
| <input type="checkbox"/> Measuring tape | <input type="checkbox"/> 2D triangles (all varieties) |
| <input type="checkbox"/> Selection of larger items to measure | <input type="checkbox"/> 4 hoops |
| <input type="checkbox"/> Counters / cubes | <input type="checkbox"/> Selection of 2D quadrilaterals |
| <input type="checkbox"/> Number tracks | <input type="checkbox"/> 3D packets including cylinder, cube, cuboid, prism |
| <input type="checkbox"/> Selection of weights (kg and g) | <input type="checkbox"/> 3D shape attribute blocks |
| <input type="checkbox"/> Variety of containers (jug, cup, bottle, etc.) | <input type="checkbox"/> Small mirrors |
| <input type="checkbox"/> Measuring jug | <input type="checkbox"/> Squared paper |
| <input type="checkbox"/> Selection of rulers | <input type="checkbox"/> Whiteboard with squares |
| <input type="checkbox"/> Place value grids | <input type="checkbox"/> Small toy cars |
| <input type="checkbox"/> Number tracks in ml up to 2L | <input type="checkbox"/> 1–6 dice |
| <input type="checkbox"/> Base 10 materials | <input type="checkbox"/> A–F dice |
| <input type="checkbox"/> Coins | <input type="checkbox"/> A globe, atlas or map |
| <input type="checkbox"/> Rulers with different starting points of measurement (one at the edge, one just in from the edge) | |



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- ☐ Base ten apparatus
- ☐ Number cards 0–9
- ☐ 100 square
- ☐ Strips of paper
- ☐ Counters
- ☐ Cubes
- ☐ Sevens number cards
- ☐ Place value grid per child
- ☐ Number tracks
- ☐ Bag or bowl
- ☐ 12 balls labelled 0–9
- ☐ Thermometer
- ☐ Coins
- ☐ Dice
- ☐ 20 cards with 3 digit numbers
- ☐ 20 cards with numbers between 100 and 500
- ☐ Number balance
- ☐ Highlighter pens
- ☐ Red pens
- ☐ Plastic squares
- ☐ Multiplication squares
- ☐ Coloured pencils
- ☐ Fraction pieces if available
- ☐ Scissors
- ☐ Glue
- ☐ Decimal place value grids

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- ☐ Kg and g weights
- ☐ 3 new born nappies from different manufacturers per child
- ☐ Coloured water
- ☐ Measuring jugs
- ☐ Clock faces
- ☐ Rulers
- ☐ Geoboards
- ☐ Straws
- ☐ Clock face with movable hands
- ☐ Coloured pencils
- ☐ Set of 2D shapes for each child
- ☐ Hoops for sorting
- ☐ Selection of 2D quadrilaterals
- ☐ Bag or box



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- | | |
|---|---|
| <input type="checkbox"/> Wonder Box | <input type="checkbox"/> Representations of fractions (drawn or physical) |
| <input type="checkbox"/> Feely bag | <input type="checkbox"/> Fraction family chart |
| <input type="checkbox"/> Place value cards | <input type="checkbox"/> A3 definition cards of composite number and prime number |
| <input type="checkbox"/> Place value grids (thousands to hundredths) | <input type="checkbox"/> Number cards 0–20 |
| <input type="checkbox"/> Highlighter pens | <input type="checkbox"/> Attribute blocks of squares or paper cut out squares |
| <input type="checkbox"/> Red, yellow, blue, green pencil crayons | <input type="checkbox"/> A3 paper |
| <input type="checkbox"/> Rulers | <input type="checkbox"/> Timer (30 seconds) |
| <input type="checkbox"/> Multiplication grids | <input type="checkbox"/> Red pens |
| <input type="checkbox"/> 100 squares | <input type="checkbox"/> Dice of two different colours (e.g. red dice and blue dice) |
| <input type="checkbox"/> Decimal place value grids | <input type="checkbox"/> Thermometer showing negative numbers |
| <input type="checkbox"/> Blank 100 squares | <input type="checkbox"/> Blank number tracks |
| <input type="checkbox"/> Base 10 apparatus | <input type="checkbox"/> Balls with numbers 0–9 on them (12 balls with some numbers repeated) |
| <input type="checkbox"/> Laminated blank 100 square on A3 for teacher | <input type="checkbox"/> Million plus place value grids |
| <input type="checkbox"/> Scissors | |
| <input type="checkbox"/> Glue | |
| <input type="checkbox"/> Multilink cubes (more than 100) | |
| <input type="checkbox"/> Number line 0–5 marked in 10ths | |
| <input type="checkbox"/> Squared paper | |
| <input type="checkbox"/> Counters | |
| <input type="checkbox"/> Sticky tack | |
| <input type="checkbox"/> Number track showing two decimal places (1–10) | |

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- | | |
|---|---|
| <input type="checkbox"/> Nappies from 3 different brands | <input type="checkbox"/> Blindfolds |
| <input type="checkbox"/> Coloured water | <input type="checkbox"/> Cones |
| <input type="checkbox"/> Measuring jugs | <input type="checkbox"/> Stopwatch |
| <input type="checkbox"/> Coins (all denominations) | <input type="checkbox"/> 3D shapes |
| <input type="checkbox"/> Highlighter pens | <input type="checkbox"/> 10 straws |
| <input type="checkbox"/> Clock faces (12 hour, 12 and 24 hour, 24 hour, digital 24 hour) | <input type="checkbox"/> Pencil pot or similar |
| <input type="checkbox"/> Scissors | <input type="checkbox"/> Selection of paper shapes |
| <input type="checkbox"/> Glue sticks | <input type="checkbox"/> Small mirrors |
| <input type="checkbox"/> Time number track | <input type="checkbox"/> 3D shapes that can be deconstructed into nets |
| <input type="checkbox"/> Rulers | <input type="checkbox"/> Sticky tape |
| <input type="checkbox"/> 1 cm ³ cubes (at least 27 per pair of children) | <input type="checkbox"/> Multilink cubes |
| <input type="checkbox"/> 2D triangles of all types, different sizes and colours | <input type="checkbox"/> Large grids with labelled axes |
| <input type="checkbox"/> 4 hoops | <input type="checkbox"/> Small stickers or sticky dots |
| <input type="checkbox"/> Selection of 2D quadrilaterals (to include square, rhombus, rectangle, parallelogram, kite, trapezium) | <input type="checkbox"/> Large co-ordinate plane on screen or paper |
| <input type="checkbox"/> Feely bag or wonder box | <input type="checkbox"/> Individual laminated copies of co-ordinate plane |
| <input type="checkbox"/> Strips of card with paper fasteners in the corner (to make angles with) | <input type="checkbox"/> Coloured pens |
| | <input type="checkbox"/> 360 degree protractors |
| | <input type="checkbox"/> Coloured crayons |
| | <input type="checkbox"/> A globe, atlas or map |