

Use this list to prepare all the concrete and printable resources you need each week. The printable resources are available to print in the relevant unit at Maths Trek Online.

Term 1

At the start of the year, print the *Problem-Solving Progress Checklist*. This is available to print in the Assessment bank at Maths Trek Online.

| Unit (week) | Concrete Resources | Printable Resources |
|-------------|--|---|
| 1 | <ul style="list-style-type: none"> coloured pencils 1.1 counters 1.2, 1.3 | 1.2 1–20 Number chart 1.3 1–20 Number chart (optional) 1.3 Double ten frame |
| 2 | <ul style="list-style-type: none"> calculators (optional) 2.3 coloured pencils 2.4 | <ul style="list-style-type: none"> counters (optional) 2.2 2.1 Find all three cards 2.3 Number cards 0–30 |
| 3 | <ul style="list-style-type: none"> coloured pencils 3.2 connecting cubes or popsticks (bundles of ten and single popsticks) 3.2 | <ul style="list-style-type: none"> mini-whiteboards and markers 3.3 3.1 Days of the week cards 3.3 Number cards 0–30 3.3 Number trio 1–30 |
| 4 | <ul style="list-style-type: none"> balance scales 4.2 basketballs 4.2 cardboard box 4.2 classroom objects to compare 4.2 coloured pencils 4.4 coloured pencils or crayons (pink and blue) 4.1 connecting cubes (5 per group) 4.1 dice 4.2 erasers 4.2 glue sticks 4.2, 4.3 | <ul style="list-style-type: none"> linking cubes 4.2 MAB blocks 4.2 paper plates (2 per group) 4.1 pencil cases 4.2 pencils 4.2 scissors 4.2 staplers 4.2 sticky notes (optional) 4.2 tennis balls 4.2 tissue boxes 4.2 |
| 5 | <ul style="list-style-type: none"> coloured pencils 5.4 green, red and yellow pieces of cardboard 5.1 modelling clay 5.3 pencil cases 5.3 pencils 5.3 | <ul style="list-style-type: none"> popsticks 5.3 sticky notes (optional) 5.2 string the length of three popsticks 5.3 workbooks 5.3 5.5 Assessment 5.5 Marking Guide |
| 6 | <p>Investigation week</p> <ul style="list-style-type: none"> a selection of toy cars and trucks 6 Blu Tack or sticky tape for attaching the weights 6 items to use as weights (e.g. coins, washers, nuts, bolts) 6 items to use for standard/non-standard units of measurement (e.g. straws, popsticks, rulers, pencils) 6 | <ul style="list-style-type: none"> masking tape 6 materials to make car ramps (e.g. wooden blocks and thin panels of plywood, sheets of stiff cardboard, large hardcover picture books, long cardboard tubes, shoeboxes, commercially available toy car ramps) 6 6 Investigation report (one per student) |
| 7 | <ul style="list-style-type: none"> attribute blocks or cut-out shapes 7.3 calculators 7.2 | <ul style="list-style-type: none"> coloured pencils 7.4 counters, blocks, popsticks, connecting cubes or beads 7.1 |
| 8 | <ul style="list-style-type: none"> attribute blocks or cut-out shapes (squares, circles, triangles, rectangles) 8.3 | <ul style="list-style-type: none"> calculators 8.2 counters 8.1 8.1 Number line 0–10 |

Term 2

| Unit (week) | Concrete Resources | Printable Resources | |
|-------------|---|--|---|
| 9 | <ul style="list-style-type: none"> counters 9.3 counters or popsticks (optional) 9.2 five squares of equal size (one red and four blue) per student or group 9.4 | <ul style="list-style-type: none"> four blocks (two red and two yellow) per student or group 9.4 four number cards (numbered 2, 3, 4 and 5) per student or group 9.4 | <ul style="list-style-type: none"> 9.2 Animal collections 9.3 1–20 Number chart 9.4 Number cards (optional) |
| 10 | <ul style="list-style-type: none"> connecting cubes in two different colours 10.2 connecting cubes or popsticks (bundles of ten and single popsticks) 10.1 | <ul style="list-style-type: none"> counters in two different colours 10.2 current calendars 10.3 ten frames 10.2 | |
| 11 | <ul style="list-style-type: none"> coloured pencils 11.3 connecting cubes 11.2 | <ul style="list-style-type: none"> connecting cubes or popsticks (bundles of ten and single popsticks) 11.1 | |
| 12 | <ul style="list-style-type: none"> a current calendar 12.4 blocks 12.3 coloured pencils 12.3 connecting cubes or counters 12.1 counters 12.2 cups 12.3 | <ul style="list-style-type: none"> markers 12.1 mini-whiteboards 12.1 paper and coloured pencils (optional) 12.2 | <ul style="list-style-type: none"> 12.1 Think board (optional) 12.2 Double ten frame |
| 13 | <p>Investigation week</p> <ul style="list-style-type: none"> counters, cubes or other concrete objects (10 per student) 13 | <ul style="list-style-type: none"> mini-whiteboards and markers 13 notebooks 13 | <ul style="list-style-type: none"> 13 Investigation report (one per student) 13 Numbers up cards (one per student) |
| 14 | <ul style="list-style-type: none"> Blu Tack 14.3 class object graph 14.3 coloured pencils (red and blue) 14.4 coloured pencils or crayons (pink and blue) 14.1 connecting cubes (14 per group) 14.1 | <ul style="list-style-type: none"> counters (red, green, blue and yellow) 14.3 paper plates (2 per group) 14.1 | <ul style="list-style-type: none"> 14.4 Assessment 14.4 Marking Guide |
| 15 | <ul style="list-style-type: none"> 3D objects (e.g. cube, rectangular prism, cylinder, cone, sphere pyramid) 15.3 a bag 15.3 | <ul style="list-style-type: none"> attribute blocks or cut-out shapes 15.2 counters 15.1 | |
| 16 | <ul style="list-style-type: none"> connecting cubes or counters 16.2 counters 16.1 cubes 16.3 markers 16.2 | <ul style="list-style-type: none"> mini-whiteboards 16.2 various classroom items (e.g. round pencils or markers, glue bottles or water bottles, books) 16.3 | <ul style="list-style-type: none"> 16.2 Think board (optional) |

Term 3

| Unit (week) | Concrete Resources | Printable Resources | |
|-------------|--|--|---|
| 17 | <ul style="list-style-type: none"> ball (optional) 17.3 coloured pencils 17.4 counters 17.2 | <ul style="list-style-type: none"> popsticks (bundles of ten and single popsticks) 17.1 | 17.2 1–20 Number chart |
| 18 | <ul style="list-style-type: none"> connecting cubes 18.2 counters 18.3 counters (optional) 18.2 | <ul style="list-style-type: none"> MAB tens and ones 18.1 popsticks (bundles of ten and single popsticks) (optional) 18.1 | 18.1 Place value chart 18.3 Double ten frame |
| 19 | <ul style="list-style-type: none"> counters 19.1 lengths of ribbon 19.3 paper 19.3 paperclips 19.3 | <ul style="list-style-type: none"> pencils 19.3 popsticks 19.3 scissors 19.3 | 19.1 101–150 Number chart |
| 20 | <ul style="list-style-type: none"> a rectangular box (e.g. shoebox) 20.2 counters 20.1 large cube-shaped blocks of the same size 20.2 small cubes (e.g. MAB ones) 20.2 | <ul style="list-style-type: none"> tennis balls 20.2 various rectangular containers of different sizes (e.g. small delivery box, lunch box) 20.2 | 20.1 1–10 Number chart |
| 21 | <p>Investigation week</p> <ul style="list-style-type: none"> A3 paper for class posters 21 coloured counters in two colours 21 two standard six-sided dice with numerals/dots 21 | <ul style="list-style-type: none"> variety of dice and board games using dice 21 write on/wipe off dice or pocket cube dice (optional for step 3) 21 | 21 Addition facts (one per pair) 21 Blank dice net (optional, one per student) 21 Cover-up game (one per pair) 21 First to 30 game (one per pair) 21 Investigation report (one per student) |
| 22 | <ul style="list-style-type: none"> calculators 22.2 counters 22.1 | | 22.2 Number pattern cards (– 2 rule) 22.4 Assessment 22.4 Marking Guide |
| 23 | <ul style="list-style-type: none"> 1 L clear jug 23.3 2 L ice cream tub (optional) 23.3 2 L milk bottle (optional) 23.3 200 mL cup 23.3 250 mL cup 23.3 bowl 23.3 containers students think have a capacity of less and more than 2 cups 23.3 | <ul style="list-style-type: none"> counters 23.2 cups 23.3 dice 23.2 funnel (optional) 23.3 popsticks (bundles of ten and single popsticks) 23.1 tub 23.3 water bottle 23.3 | |
| 24 | <ul style="list-style-type: none"> card 24.2 class picture graph 24.3 coloured pencils 24.3 glue sticks 24.3 linking cubes 24.2 MAB ones (optional) 24.2 | <ul style="list-style-type: none"> paper 24.3 scissors 24.3 sticky notes 24.1 textas 24.2 toy cars 24.2 | 24.1 Addition fact cards |

Term 4

| Unit (week) | Concrete Resources | Printable Resources | |
|---------------------------|--|--|--|
| 25 | <ul style="list-style-type: none"> coloured pencils 25.2 counters 25.1 | <ul style="list-style-type: none"> MAB tens and ones 25.3 strips of paper 25.2 | |
| 26 | <ul style="list-style-type: none"> coloured pencils 26.1, 26.3 counters 26.2, 26.3 paper (optional) 26.3 | <ul style="list-style-type: none"> paper plates 26.3 three hoops 26.3 | 26.3 Cookie cut-outs |
| 27 | <ul style="list-style-type: none"> coloured pencils 27.1 counters 27.3 | <ul style="list-style-type: none"> counters (20 per student – 10 of one colour and 10 of another colour) 27.1 popsticks 27.2, 27.3 | 27.1 Bridging to tens cards 27.1 Double ten frame |
| 28 | <ul style="list-style-type: none"> attribute blocks or cut-out shapes – triangles, squares, rectangles, kites, trapeziums, rhombuses (optional) 28.3 coloured pencils 28.3 | <ul style="list-style-type: none"> paper 28.3 play money (Australian coins and notes) 28.1 rulers 28.3 | 28.2 Number cards 0–10 |
| Investigation week | | | |
| 29 | <ul style="list-style-type: none"> calculators 29 coloured pencils 29 empty food containers (e.g. cereal packets, juice bottles, small yoghurt containers, paper cups) 29 | <ul style="list-style-type: none"> food magazines or catalogues (optional) 29 mini-whiteboards or notebooks 29 play money 29 small paper plates 29 toy cash register or money tray 29 | 29 Food picture cards (optional, one per group) 29 Investigation report (one per student) 29 Menu poster (one per group) |
| 30 | <ul style="list-style-type: none"> coloured pencils 30.1 counters in six different colours 30.3 large sheets of paper 30.2 | <ul style="list-style-type: none"> MAB tens and ones 30.1 scissors 30.2 sticky notes 30.3 | 30.4 Assessment 30.4 Marking Guide |
| 31 | <ul style="list-style-type: none"> coloured pencils 31.1, 31.3 cubes 31.1 lunch box 31.1 paper 31.3 right-angled triangles for tracing (e.g. attribute blocks, cardboard cut-outs) 31.3 | <ul style="list-style-type: none"> scrapbook 31.1 small book 31.1 sticky notes 31.1 | 31.2 Months of the year |