List of resources

Year 2

1: Tens and Ones

- Large 100-square at the front of the class, small 100-squares
- A large supply of newspapers, daily newspapers for one week
- Sets of place value cards to 100 for each pair
- Place value counters, one set per pair; each set contains nine red counters labelled 1, and nine yellow counters labelled 10
- One set of hundreds counters, including green, for extension work
- 20 clear bags of ordinary classroom objects (counters, cubes, pencils), ranging from 20 to 100 of one type of object in each bag
- Bag of 60 counters (or cubes)
- Bag of 30 counters (or cubes)
- Shallow trays with 20, 50 and 100 counters or cubes on; the trays should be labelled with the number they contain

2: Number Patterns and Properties

- Selection of pictures of numbers – door numbers, packaging, bus numbers and so on
- Interlocking cubes
- Dominoes, one set per pair of students (There is a resource sheet of dominos in Digital Resource Pack 2.)
- Set of multiples of 10 cards, 0–100
- Washing line and pegs
- Large 100-square
- Mini whiteboards and markers
- Multiples of ten cards, 0–100
- A4 paper
- Set of large 1–9 digit cards
- 3 large < and 3 large > symbols on sheets of A4 paper
- Sets of place value cards 10–90 and 1–9
- 0–100 number cards
- Large copy of the current month calendar

3: Number Pairs

- Set of 0–20 number cards per pair of students
- Sets of Cuisenaire rods if available
- Sets of 0–10 number cards; enough so that each person can have one number card and they will have a partner who has their pair to 10
- Mini whiteboards and pens
- Large 100-squares
- Collection of boxes with between 11 and 20 spaces (egg boxes or similar)
- Squared paper
- Counters
- Index cards or small pieces of paper
• Mini whiteboards and markers

4: Calculating – Addition and Subtraction

• Cards with the numbers 15, 27, 30 and 41 on
• Mini whiteboards and markers
• Large 100-square, small 100-squares for students
• 4 cards or pieces of paper labelled ‘1 more’, ‘1 less’, ‘10 more’, ‘10 less’
• Sets of 0–9 digit cards; one large, one small per pair of students
• 0–30 number lines (or 0–50)
• Sets of place value cards
• Sets of place value counters, ones, tens and hundreds; enough for one set for each pair.
• Cubes and counters
• Number lines to support calculation
• Balance scales
• Sets of weights or objects to balance 100-square for each pair

5: Number Families

• Six A4 sheets with 6, 4, 10, +, −, = written on them
• Dice
• Mini whiteboards and markers
• Cubes or counters
• Large 100-square
• Counting stick

6: Multiplication and Division

• Pre-prepared packets of chick peas, small dried beans or pulses for counting – enough for one per group. There should be over 100 peas/beans in each bag.
• Counters or cubes
• 100-squares
• Counting stick
• Calculators
• Sticky notes,
• Squared paper
• Images of arrays taken from magazines or the internet
• Mini-whiteboards and markers

7: Parts of a Whole

• Mini whiteboards and markers
• Orange
• String
• Jug of water and two glasses
• Modelling clay
• Small cake to cut in half and a knife for cutting
• Paper shapes
• Scissors
• Rulers
• Counters
• Large paper shapes
• Dice
8: Shapes Everywhere
- A range of foods and other household goods in packages approximating common 3D shapes, such as sphere, cube, cuboid, cylinder, cone and square based pyramid
- A large piece of paper or mini-whiteboard and marker for each group
- Examples of 2D shapes
- Two pieces of scrap paper per student
- Strips of card and split pins
- Examples of 3D shapes and a bag to put them in
- Digital camera
- Images of 3D shapes
- Scissors and glue
- Counters and cubes
- Mini whiteboards and markers
- Images of reflections in the environment
- One A4 sheet containing all the letters of the alphabet in upper case.
- Mirrors
- Timer
- Clip art pictures of 3D shapes,

9: Measurements
- Roll of wallpaper or backing paper
- Coloured paper strips, 10 cm long
- Rulers
- Tape measures
- Metre sticks
- Trundle wheels
- String
- Ribbons of different lengths
- Litre jugs
- Empty and washed 1-litre milk or drinks containers (each marked with the fill line for 1 litre)
- A range of containers of different shapes and sizes
- Food colouring
- Sand
- Rice
- Lentils
- Water
- Photocopied litre scale
- Plastic cups
- Balance scales
- Hard boiled eggs
- Classroom objects such as cubes, counters, pencils
- Scissors
- Copies of recipes
- Food packages
- Coins and notes in the local currency
- Mini whiteboards and markers

10: Geometry
- Maps of the local area
- Circles of card
- Set of ‘turn cards’
- Mini whiteboards and markers
- Large 100-square
- 10 by 10 grid or squared paper
- Dice
- Rulers
- Tape measures
- Metre sticks
- Trundle wheels

11: Time
- Digital timer
- Stop watches
- Other timers (mobile phone, computer and so on)
- Images of historical timing devices
- Sand timers
- Small containers
- Sand
- Paper circles
- Model clocks – enough for one per pair of students
- Calendars
- Planners
- ‘Days of the week’ cards
- Word search Resource Sheet 2 (see www.oxfordprimary.com/OIPMteacher)
- Paper
- Scissors
- An envelope per pair of students

12: Handling Data
- Squared, lined and plain paper
- Sticky notes or small square pieces of paper
- Large 100-square and individual 100-squares
- Class list
- Prepared Venn and Carroll diagrams