1: Number and Place Value
   - Beans (dried beans or pulses – use whatever is relevant to your students)
   - Rulers
   - Metre rules
   - Calculators
   - Set of large place value cards
   - Set of 0–9 digit cards which are A4 size
   - Set of 0–9 digit cards per student
   - Coloured crayons or pens,
   - Counting stick (these are easily made by using coloured tape and a piece of dowelling or a metre stick),
   - The numbers 8, 57, 85, and 130 on sticky labels that you can attach to the counting stick
   - Sets of dice (3 per pair)
   - Small coloured sticky dots
   - Sticky labels with a range of 3-digit numbers on them to stick on students' backs or foreheads (make sure that there are at least 3 numbers for each unit in the hundreds column)
   - Mini whiteboards and markers
   - Labels for counting stick
   - Mini packets of raisins or similar
   - Range of jars full of items for students to estimate
   - Assessment activity, one per student (Resource sheet 1, see www.oxfordprimary.com/OIPMteacher)

2: Fractions
   - Coloured paper
   - Squares
   - Rectangles
   - Large copy of fraction wall for display (this is printed in the Student Book page 22)
   - Mini whiteboards and markers
   - Squared paper
   - Cubes, counters or other objects that can be shared
   - Four ‘pizzas’ made from paper and cut into quarters
   - Cubes (or similar objects) to allow students to carry out the calculations practically
   - Assessment activity, one per student (Resource sheet 2, see www.oxfordprimary.com/OIPMteacher)

3: Mental Calculation
   - Mini whiteboards and markers
   - Lollipop sticks in a jar – each lollipop stick has a different student’s name on it
   - 0–9 digit cards
   - Art straws or similar (enough for at least 36 per pair)
   - Assessment activity, one per student (Resource sheet 3, see www.oxfordprimary.com/OIPMteacher)
4: Calculating – Addition and Subtraction

- Mini whiteboards and markers
- Post-it notes with numbers 1–6 written on them
- Small bag
- 100-squares
- Small pieces of scrap paper (enough for one for each student)
- Set of loop cards made by photocopying the grid (these loop cards are also available at www.oxfordprimary.com/OIPMteacher)
- Sets of 1–9 digit cards, one per pair of students, one large set for the teacher
- Lollipop sticks with individual student’s names on
- Scrap paper for students to write the numbers on
- Loop cards from Resource sheet 4a (see www.oxfordprimary.com/OIPMteacher)
- Assessment activity, one per student Resource sheet 4b (see www.oxfordprimary.com/OIPMteacher)

5: Multiplication and Division

- Magazines and newspapers
- Mini whiteboards and markers
- Counting objects such as cubes, small stones, building blocks
- Prepared questions on separate cards which give the answers 5, 8, 14, 16, 20, 25, 29, 30. These questions should be a mixture of multiplying single-digit numbers and dividing 2-digit numbers by 2, 3, 4, 5, 6, 9, and 10
- Lollipop sticks in a jar with individual students’ names on them
- Counting stick labelled with the 13 times table (13, 26, 39, 52, 65, 78, 91, 104, 117, 130)
- Set of 1–9 digit cards
- Calculators
- Bars of chocolate – enough for at least one chunk per student
- Counters
- Cubes (enough for at least 32 per pair)
- Assessment activity, one per student (Resource sheet 5, see www.oxfordprimary.com/OIPMteacher)

6: Shapes and Geometry

- Magazines and newspapers, paper for making posters, digital cameras and the Internet if available
- Small bag
- Examples of triangles, a square, a rectangle, quadrilaterals, a pentagon, a hexagon, an octagon, a circle, and a semi-circle cut out of card
- Mini whiteboards and markers
- Lollipop sticks in a jar with the students’ names on them
- Set of 3D shapes which you can describe (the shapes should include a sphere, a cube, other cuboids, and a range of prisms and pyramids)
- Card
- Scissors
- Sticky tape
- ‘Polydron’, or other 3D modelling equipment, if available
- Art straws and clay to make the models
- Sheets of A4 paper
- Coloured markers for the whiteboard
- Squared paper
7: Position and Movement
- Magazines and newspapers
- Students names on lollipop sticks in a jar
- Mini whiteboards and markers
- Straws that bend in the middle, or card strips with paper fasteners to make right angle measurers
- Piece of rope or thick cord
- Set squares
- Map of school grounds (or students can make their own)
- Measuring tapes
- Metre rules
- Squared paper
- Assessment activity, one per student (Resource sheet 6, see www.oxfordprimary.com/OIPMteacher)

8: Length, Mass and Capacity
- Mini whiteboards and markers
- Large sheets of paper
- Felt pens
- A selection of measuring equipment including: metre rules; tape measures; rulers; scales; and measuring cylinders
- Map of the local area (professionally published or one that you have produced yourself) that has a scale
- String
- Lollipop sticks in a jar with students’ names on
- A range of different containers that can hold liquid (If you prefer you could use pulses or grains)
- Rulers
- Set squares for drawing right angles
- Thick card to make ramps
- Sets of books to make ramps
- Toy cars that run easily
- Tape measures
- Assessment activity, one per student (Resource sheet 7, see www.oxfordprimary.com/OIPMteacher)

9: Time
- Magazines and newspapers,
- Analogue clock, and a digital clock displayed in the classroom
- Display showing days of the week written in order would also support the students
- Calendars
- Stop watches
- Small calendar for each group
- Lollipop sticks in a jar with students’ names on
- Set of 7 cards, each with a separate day of the week on
- Set of 12 cards, each with a different month on
- Analogue clock to model times for students
- Mini whiteboards and markers
- Access to the internet would be helpful for finding birth dates of famous people
- Calculators,
- Grids of 24 blank rectangles for review activity
- Assessment activity, one per student (Resource sheet 8, see www.oxfordprimary.com/OIPMteacher)
10: Data Handling

- Mini whiteboards and markers
- Resources to set up a role play area depending on the students’ choice of shop
- Class list of names
- Access to the Internet or to reference books is important for this activity
- *Top Trumps* cards (These are available from *toptrumps.com*)