



Grade 2

6 – 7 years

MATHEMATICS PROGRAMME

Numbers and the number system

- Count to 100, back and forwards from zero
- Count in tens, twos, threes, fours and fives to 30 and back to zero
- Read and write numbers to 100
- Understand place value in two digit numbers and the meaning of zero
- Order numbers to 100
- Use = sign to represent equality
- Make sensible estimates of a number of objects to about 50
- Round numbers under 100 to the nearest 10
- Begin to recognize halves and quarters of shapes

Calculations

- Understand addition and subtraction and the relationship between these
- Use signs +, -, = and \square or ∇ for an unknown number
- Know by heart addition and subtraction facts to 10
- Use strategies for mental calculations (eg. partition additions into tens and units, then recombine)
- State the subtraction corresponding to a given addition and vice versa
- Understand multiplication as repeated addition
- Begin to recognize x and \div signs
- Know and use halving as inverse of doubling
- Know by heart 2 and 10 times tables
- Know doubles and halves of some numbers
- Begin to check results of calculations

Solving problems

- Choose and use appropriate operations and strategies to solve problems
- Predict simple patterns and relationships
- Explain methods and reasoning orally and in writing
- Use of knowledge of addition and subtraction to solve "real life" money problems

Measures, shape and space

- Estimate, measure and compare lengths, masses and capacities using standard units
- Suggest suitable units and equipment for measuring
- Read a simple scale, use a ruler to draw and measure lines
- Know units of time (second, minute, hour, day, week)
- Order months of the year
- Begin to read the analogue clock to the hour, half hour and quarter hour
- Use mathematical names for 2D and 3D shapes
- Sort shapes and describe features
- Recognize half and quarter turns, left and right
- Recognize right angles