



Rome International School

Grade 1

5 – 6 years

MATHEMATICS PROGRAMME

Numbers and the number system

- Recognize numbers 0 – 10
- Count sets of objects accurately and label
- Count on and back in ones, twos and fives
- Begin to count in steps of 3
- Begin to understand place value in 2 digit numbers, partitioning these into tens and units
- Understand and use the vocabulary of comparing and ordering
- Order numbers within 20
- Give sensible estimates of a number of objects

Calculations

- Understand the operations of addition and subtraction
- Begin to use +, - and = signs
- Understand symbols \square and \triangle stand for an unknown number
- Know by heart all pairs of numbers with a total of 10
- Know addition doubles of numbers up to 5
- Begin to use strategies for mental calculation (e.g. start with the larger number when adding)
- Identify near doubles (e.g. 6 + 5)

Solving problems

- Use the appropriate operation and mental strategies to solve the problems
- Predict simple patterns and relationships
- Explain methods and reasoning orally
- Use coins to find totals and change in "real life" shopping situations
- Sort and classify information in simple ways (e.g. using lists and tables)

Measures, shape and space

- Compare two lengths, masses or capacities
- Estimate and measure length, capacity or mass using suitable non standard and standard units
- Know the days of the week and seasons of the year
- Begin to read the hour on analogue clocks
- Describe features of 2D and 3D shapes
- Make models and draw pictures of shapes
- Talk about turns and half turns
- Describe position, movement and direction