

Mathematics Enhancement Programme

TEACHING SUPPORT

INTRODUCTION TO LESSON PLANS

These detailed Lesson Plans have been developed to be used as guidance for *MEP Primary* teaching.. They are based on

4 × 45 minute lessons per week for 35 weeks

whilst the 5th lesson each week is for practice and revision.

The Lesson Plans have been adapted from the Hungarian approach to mathematics teaching. The first few weeks of the course provide introductory activities to help you assess the capabilities of your class and to bring them together at a suitable starting point for the systematic treatment which follows.

The course provides a very strong mathematical foundation, dealing with topics in depth and in a logical sequence, and using appropriate notation. It provides the necessary background in mathematical logic, aiming to give enhanced attainment in national tests and a solid framework for higher level work.

The Lesson Plans make reference to:

- Practice Books * (e.g. *PB1a*)
- Text Books ** (e.g. *Tx1a*) - optional

and make use of a range of resources:

- number cards * (0 to 9)
- symbol cards * (=, <, >, ≤, ≥, +, −, ×, ÷, ≠)
- shape cards * (○, △, □, ⬠, ⬡ / large and small / black and white)
- number lines * (−9 to 0, 0 to 9, 10 to 20, 0 to 100)
- number strips or rods or plastic cubes stuck together
- dominoes
- toy money
- coloured counters
- coloured sticks/straws

Reference is made to a number of A2 posters **. We would also like you to encourage students to collect their own materials for use in maths lessons (e.g. pebbles, shells, buttons, sweets, trinkets) to make maths more relevant to them individually.

* available online and from CIMT

** online only