

Mathematics Pedagogy KS1

Teaching aligned with White Rose Maths Small Steps'

Daily
Maths
Lesson
Structure

Maths
across the
Curriculum

Recall

- Warm up – supermovers, arithmetic songs/rhymes
- Fluency warm up using eg flashback 4
- Recall of previous learning using example questions including spotting errors.
- Misconceptions addressed.

Lesson Introduction – Teacher input to whole class

- Clear Learning Intention' and link to the target book. Written on Header and shared with pupils
- New learning to be taught. Aligned with WRM
- Identification of the 'vocabulary' to be used during the lesson
- Explicit expectation of how the learning will be evidenced.

Exposition of learning

- Demonstration/model demonstrating how to use concrete manipulatives
- Whole group practise (initially delivered as whole class on occasions targeted year 1/2 input to follow)
- Solve example individually

Learning content explained

- Presentation. Numbers formed correctly, developing one digit per square
- Target books available for reference
- Identify the concrete manipulatives that will support learning

Independent/Group Evidence

- Activities with 3 levels of challenge – pupils to select their starting point (1 or 2 stars based on pupil confidence)
- Teacher to circulate to support

Plenary

- Explain learning to a partner /teacher using The vocabulary learnt
- Identify misconceptions and successful learning
- Example of learning is shared on the 'Magnificent Maths Wall'.

Mathematics learning is used in context within the daily maths lessons. In addition opportunities to embed understanding during other lessons are identified and planned. These opportunities might be retrieval of prior learning from previous days, weeks or months.

Examples of opportunities

History – comparing lengths of time by calculating the difference between dates.

Art – shape and space

Science – recording bar charts.

PE – measuring distance

