

The Shanghai Pedagogy

The Shanghai method of teaching is a whole-class teaching method that builds thorough understanding, develops higher-order thinking and is supported by the use of high-quality textbooks.

The Shanghai pedagogy is based on:

A step-by step approach that emphasises the development of basic knowledge, skills and thorough mastery of oncepts

Whole-class teaching where teachers reinforce that every pupil can achieve a high standard in maths

Skilful questioning within lessons to promote conceptual understanding. Problems are used as a starting point for teaching

Identifying and rapidly acting on misconceptions which arise through same day intervention

Understanding is promoted through a variety of representations

A Shanghai maths teaching framework usually follows this lesson structure:

Using problems as a starting point for teaching

Guiding students through exploratory activities

Establishing variation in practice

Summarising

Modifying based on teaching objectives