

Key features of the Shanghai/Mastery approach.

- Teach class as a whole
- When teaching a new concept. Concrete /pictorial/abstract
- Always try to start with a real problem. Hook
- Focus is on number. Spend longer on each strategy- break it into smaller steps-so skills and knowledge become embedded.
- Say answers in full- Eg Teacher: What is half of 10? Child: Half of 10 is 5.

Helps to embed concepts

- Repetition- I say.. To work out half we divide by 2. You say.. We all say..
- Use precise mathematical language.
- Seeing concepts in a variety of ways.(Not posing questions in the same format.)
- Using different q types which develop reasoning- True or False/ Spot the mistake/ Always ,sometimes ,never./ Convince me.
- Teach, Learn, Understand, Confuse.
- Immediate intervention where possible within the lesson or in the afternoons.