Moreton Downs State School

Pedagogical Framework Strategy: 60 minute Maths - NUMBER

EQ Expectation: Targeted and scaffolded instruction.

ASOT Question: Q2 - What will I do to help students effectively interact with new knowledge?

At Moreton Downs State School our Mathematics lessons are framed around the 60 Minute Math model. We believe that each math lesson should comprise of four key elements: ROTE learning, mental computation, concept development and reflection.

The following is a breakdown of a 60 minute lesson:
• 10 min: ROTE: Instant recall of facts, tables, rote counting etc.
• 10 min: WARM UPS: Practising strategies in your head to solve mathematical problems
• 40 min: Concept development (Model, joint construct, independent work)
• 10 min: Reflection and goal setting.

We believe that to improve Number in our school, it will be taught explicitly on Monday and Wednesday of each week from 11:25am-12:25pm. During this time teachers will work together cooperatively to plan work, using data to stream students for instruction.