

**How we teach Mathematics at Shears Green Junior School**

**What should a mathematics session look like?**

* Approximately 60-80 minute session, five times per week.
* Planning should be flexible to allow for adaptations; however, it should have a clear structure.

**Clear Learning Objective**

A clear, child friendly objective shared with the class and an overview for the lesson given. Date and short title written in maths book.

**Recap and vocabulary**

Complete quick questions, based on gaps from the previous week’s arithmetic tests, in order to recap and reinforce prior learning. Adults and children use to use mathematical vocabulary when explaining answers. A specific times table will be chanted. Interactive recap of previous skills/ knowledge, may be completed on whiteboards.

**Teach and vocabulary**

Teacher to introduce the concept. A focus should be placed on drawing attention to clarifying/defining and modelling specific key mathematical vocabulary – which should be displayed in the classroom. Teach/recap skills. Go though some examples together. **Teacher models** how to answer questions by ‘thinking out loud’/ highlighting key information/ forming solutions and using mathematical language. Questioning, TTYP and oral rehearsal should be used.

**Practice and Apply**

**Teacher to model** how to respond to questions.

Tasks set are achievable, yet challenging and progressive/differentiated. Where necessary, they are scaffolded to support.

In-the-moment feedback given by teacher/TA. Potentially have a focussed group.

**Recap and Review**

A quick opportunity where the teacher can check that the children have understood and applied their learning. Self/peer assessment may take place. Whole class feedback given and address any misconceptions. Review the lesson, focussing on oral reasoning and mathematical language.

**Please remember a session should be:**

* Clearly modelled by the teacher.
* Interactive and engaging.
* Pitched accordingly.
* Appropriated paced
* Progressive.
* Appropriately differentiated.
* Challenging but achievable.