

Mathematics Policy

St Mary's

Ratified: Spring 2020 Next Review: Spring 2023

St. Mary's biblical vision is based on John 15 vs 12: 'Love each other as I have loved you.

We believe in 'Educating for Life' by encouraging the whole development of each and every child as a person made in God's image, unique, special and deeply loved by their Maker.

Teaching

- Daily 60 minute lesson and an additional 15 minute mental arithmetic lesson in both KS1 and KS2.
- Maths is streamed from Year 1 to Year 6, with additional teachers in some year groups employed to reduce the size of streams.
- Targets and review of prior learning (5-10) min; main teaching 15-20 min; independent/group work 25-30 min; 5-10 min plenary to review, pre-teach forthcoming material, or pre-assess.
- Share vocabulary, LI and SC
- Whole class teaching has differentiated questioning
- Teacher and TA to have focus groups
- Teacher to have a guided group each lesson, all children should be involved in this group at least once per week

Planning

- Work is planned using the Federation Curriculum Maps. The curriculum maps have been designed so that knowledge and skills are taught in a systematic fashion.
- All maths plans are checked by senior leaders before they are shared with teachers.
- Concrete resources to be used to support the learning of all pupils
- Differentiation appropriate to group
- TAs have printed flip chart
- Visual/ kinesthetic resources for SEND
- Where appropriate, SEN group with teacher 1 session, TA 2 sessions and independent 2 sessions
- ICT planned for when appropriate

Assessment

- Marking of written work (see marking policy)
- Teacher observation and notes
- Y2/6 Past SATs Feb and SATs May
- Year 4 Multiplication Test Check
- All year groups to be assessed every term and Year 6 and 2 every half term.
- Teacher – child discussions (1:1, guided groups, whole class mini-plenaries)
- Children traffic lighting work

Targets

- Maths targets, which are based on the 2014 curriculum, are stuck inside books
- One target for each week of the half term chosen from year group selection
- Same target is practised everyday for a week
- Targets are assessed by the teacher at the end of the half-term and initialed
- Targets not met are to 'roll-over' into the next half-term
- Targets change every half term

Provision

- Children are set according to ability
- Provision made for intervention groups and stream
- After school provision made for Y6 booster groups
- Children for interventions identified by Class teacher with SENCo, Maths Leader and Head Teacher
- Saturday provision provided for Y6 all year (Saturday School) and Year 2 from the Spring term.
- Saturday Plus school (Y3-5) runs all year, predominantly for Pupil Premium/ Disadvantaged Pupils

Environment

- Stimulating current 2D and 3D displays in corridors and classrooms
- Children's work, vocabulary, posters, number lines, pictures for reference and interactive questions and labels displayed
- Working wall and paper flips on washing lines linked to recent learning
- Encourage high standards of presentation

Resources

- A range of concrete and visual resources are used to support knowledge and understanding.
- A range of clearly labelled resources to be available in all classrooms
- Teachers to employ a range of resources to cater for all needs
- Resources to be set out in class before lessons