



## Maths Curriculum Coverage and Progression 2019

At St Michael's we follow the National Curriculum.

Progression in **maths** is set out and delivered through [White Rose](#). There is a curriculum for each year group and mixed year group curriculums for mixed classes. We ensure progression and coverage by following the White Rose progression documents and revisit previously taught concepts to ensure long term memory. We use our own progression documents for progression across the four operations (Appendix [1](#), [2](#), [3](#), [4](#)), [NCEM](#) resources for progression in fractions and also agreed [mathematical language](#).

We follow a structure called '[Fluent in Five](#)' to recap previous learning and to improve fluency within maths. For example in Autumn our focus has been arithmetic skills and reasoning as result of the QLA from end of KS2 SATs 2019. We are introducing [stem sentences](#) ([pg 17](#)) to help to give the children the language for reasoning.

Progression in **times tables** is mapped and delivered through [Times Tables Rockstars](#) alongside one lesson a week based upon times tables and arithmetic skills. Times Tables Rock Stars is a carefully sequenced programme of daily times tables practice which can either be done on paper or online. Each week concentrates on a different times table, with a recommended consolidation week for rehearsing the tables that have recently been practised every third week or so.

Our maths homework is based on an online application [Doodle Maths](#) where the children can work through their daily challenges and teachers set extra challenges relating to learning or gaps in children's learning. Doodle maths mimics the actions of a good tutor. Its in-built intelligence identifies the strengths and weaknesses unique to each child and constructs a work programme specific to their needs. Using the x-a-day function, children continually revise what they've previously learnt in order to keep those fundamental building blocks in place, providing a solid platform on which to build in class.

Please see our [website](#) for all document links on one page.