



# St. Aidan's Primary School-A Church of England Academy

## Mathematics

At St Aidan's Primary School we endeavour to ensure that our children feel safe and secure and are inspired to learn by a stimulating and inclusive curriculum.

We aim to ensure that our children:

- become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time.
- **reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

### Our Medium Term Planning

- Each half term is predominantly learning about number.
- Almost all weeks are focused on one area of mathematics, giving children time to focus on a single area for a longer amount of time.
- The 'rationale' justifies why the objectives have been put together and how to enhance the teaching and learning during that week, e.g. number work is often given a context of data, measures, money or problem solving.
- The objectives are the end of year expectations and it is the decision of teachers whether to visit the whole objective more than once throughout the year or to organise progression within each objective.
- Every objective is covered at least twice within the year.
- The learning within each week are NOT in a prescribed order and teachers should use their discretion when organising progression within the unit.

Aspirations

Independence

Community

Enrichment