



## St Gregory's Catholic Primary School



### Mathematics Policy

This policy is underpinned by the school's mission statement: 'Loving and Learning'

#### **Rationale**

Mathematics is important in everyday life, many forms of employment, science, technology, medicine and the economy.

An understanding of mathematical skills and concepts together with an ability to apply them, can equip children with a uniquely powerful set of tools to understand and change the world. Children at St Gregory's Catholic Primary School will be presented with the opportunity to share in this important, creative and global subject by developing their Mathematical skills using interesting and stimulating activities in line with the 2014 National Curriculum.

#### **Purposes**

1. To equip children with mathematical skills and concepts.
2. To give children opportunities to develop confidence in their own mathematical ability.
3. To allow children to develop an appreciation of mathematical patterns and the ability to identify relationships between numbers and sets of numbers.
4. To give children a developing understanding of mathematics as a powerful means of communication.
5. To develop mathematical skills and knowledge accompanied by a facility for quick recall of facts.
6. To provide meaningful activities for all children to explore math's enthusiastically in situations that relate to their everyday lives and provide them with the skills needed to solve problems and conduct investigations.
7. To develop a sound foundation and investigative attitude to further increase their understanding of mathematics.

#### **Guidelines**

1. In order to develop the above mentioned areas of mathematical competence the children are taught using a variety of strategies, appropriate to their age and ability, in accordance with the requirements of the 2014 National Curriculum.
2. Through the 2014 National Curriculum, children will, in each year, be introduced to and taught a range of mathematical skills and concepts via activities which are designed to develop their mathematical confidence, precision and independence.

3. A range of resources will be used as a support for the delivery of the mathematics curriculum. The children will have access to a stimulating variety of mathematical resources to give them opportunities to explore and develop their mathematical skills and concepts.
4. Children will develop and refine their mathematical ideas and understanding with the use of I.C.T. The Interactive Whiteboard will be used interactively in the delivery of lessons when appropriate.
5. Children will be given regular opportunities in each year to apply the skills and concepts learnt in a variety of problems solving and investigative situations.
6. Lessons will be planned using 2014 National Curriculum. The Foundation Stage planning will follow the Early Years Foundation Stage (EYFS).
7. Long, medium and short term plans will challenge all children by setting suitable learning challenges, responding to pupils diverse learning needs and considering potential barriers to learning for individuals and groups of pupils.
8. Objectives will be tracked forward to challenge those working above expectations and tracked back to meet the needs of those working below expectations.
9. Planning and teaching will be monitored in accordance with the monitoring and evaluation policy to support the teaching of mathematics throughout the school thereby promoting the highest standards.
10. Children's progress will be assessed during 'I Can Do It' weeks. Assessment decisions will be recorded on the school tracker.

### **Conclusion**

This policy to be read in conjunction with, the Framework for Teaching Mathematics, Written Calculations Policy, Teaching and Learning Policy, Equal Opportunities and Race Equality Policy, Assessment Policy, National Curriculum 2014 and all relevant LEA and DCSF guidelines.

Revised and reviewed March 2018