

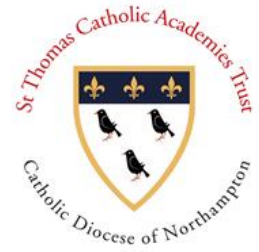


Learning, Growing  
And Living with Jesus

# St. ANTHONY'S CATHOLIC PRIMARY SCHOOL & NURSERY

In the Diocese of Northampton

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"The glory of God is  
a human being fully alive"

## Mathematics Intent, Implementation, and Impact Policy for St. Anthony's Catholic Primary School

### Vision Statement:

"Empowering our children with a robust mathematical foundation and a deep appreciation of God's creation through numbers and patterns, guided by Jesuit values such as being loving, curious, and discerning."

### Intent

#### 1. High-quality Mathematics Education:

- Provide a foundation for understanding the world through mathematics.
- Develop children's ability to reason mathematically.
- Foster a sense of enjoyment and curiosity about mathematics.

#### 2. Jesuit Values Integration:

- Infuse the mathematics curriculum with Jesuit values, emphasizing traits such as being loving, curious, discerning, and grateful.
- Guide children in their approach to learning mathematics and their interactions with peers and teachers.

### Implementation

#### 1. Curriculum Framework:

- Adopt the National Curriculum and White Rose Maths Schemes of Learning.
- Emphasize mastery learning with a focus on number fluency, reasoning, and problem-solving.
- Incorporate concrete, pictorial, and abstract approaches to ensure curriculum relevance and engagement.

#### 2. Lesson Design:

Daily Review: Begin each lesson with a review of previous mathematical teachings to reinforce learning and ensure retention.

Daily 5: Incorporate daily arithmetic practice to enhance number fluency and automaticity in calculations.

Guided Practice: Teachers model mathematical processes clearly, using visual models and step-by-step explanations to build children's understanding.

Independent Practice: Allow children to apply the processes they have learned independently, developing confidence and competence in their mathematical skills.

St Anthony's Catholic Primary School & Nursery has a commitment to safeguarding, and the welfare and wellbeing of children.

St Thomas Catholic Academies Trust; Registered Company Number: 9660515  
Registered office: St Joseph's Catholic High School, Shaggy Calf Lane, Slough, Berkshire, SL2 5HW



### 3. Professional Development:

Provide ongoing training for teachers in mastery learning and effective mathematical teaching strategies. Utilize resources from NCETM, Rising Stars, and other reputable sources to support teacher development.

Implement professional coaching and collaborative planning sessions.

### 4. Assessment and Feedback:

Conduct regular assessments to identify and address gaps in understanding promptly.

Use formative assessments to guide instruction and provide timely feedback to children.

Encourage peer teaching and collaborative learning to reinforce concepts.

### 5. Community and Parental Engagement:

Host math workshops for parents to help them support their children's learning at home.

Celebrate mathematical achievements and progress through school newsletters and assemblies.

### 6. Use of Technology:

Incorporate educational software and online resources to enhance learning and engagement.

Provide access to digital tools for practice and exploration of mathematical concepts.

## **Impact**

#### 1. Child Outcomes:

Children develop strong number fluency and the ability to reason and solve problems mathematically.

Children embody Jesuit values in their approach to mathematics and their interactions with others.

The majority of children achieve age-related expectations in mathematics by the end of Key Stage 2, with a significant proportion attaining higher standards.

#### 2. Continuous Improvement:

Regularly review and adjust the curriculum to meet the needs of all children.

Monitor child progress through formative and summative assessments, implementing interventions as needed.

Evaluate the effectiveness of professional development programs and provide additional support to teachers.

#### 3. Community Impact:

Build a strong partnership with parents and the wider community to support child learning.

Foster a school culture that values mathematical achievement and continuous learning.

By following this policy, St. Anthony's Catholic Primary School aims to cultivate a robust and dynamic mathematical environment, grounded in faith and excellence, where every child can thrive and achieve their full potential, inspired by Jesuit values.