

Our Lady of the Wayside's Mathematics Curriculum

General information	
Curriculum Champion	Mrs Pauline O'Donnell
Link Governor	TBC
SLT Oversight	Mr Ben Taylor

Our aspirations and aims for Mathematics at Our Lady of the Wayside Catholic School **Our curriculum intent**

As Catholic Primary educators, we are passionate about mathematics.

We believe that all children should have:

- A deep understanding of maths and number.
- A positive and resilient attitude towards mathematics and an awareness of the fascination of mathematics.
Competence and confidence in mathematical knowledge, concepts and skills. an ability to solve problems, to reason, to think logically and to work systematically and accurately.
- A range of learning strategies: working both collaboratively and independently.
- Fluency in mathematics where children can express ideas confidently and talk about the subject using mathematical language.
- An understanding of the importance of mathematics in everyday life.
- Independent learners who take responsibility for their own learning.

We believe that all children can achieve in maths. In practice, this means children are no longer taught different concepts based on whether they are seen to be 'less able' or 'more able'. Instead, the whole class is taught together but extra support is given to children who find the topic difficult, and challenging questions are given to children who are flying. Concepts are built in small, logical steps and are explored through clear mathematical models and images. The focus is on depth – not acceleration – so that all children have a chance to embed learning. We believe learning has not taken place if children do not remember what they have been taught or are unable to apply their knowledge. This method of teaching aims to ensure all children have a secure and deep understanding of maths, by building up maths concepts in small and logical steps. This makes maths accessible to the majority of children. Teachers will use a range of teaching techniques

Our Lady of the Wayside Catholic Primary School
Learning and growing together, rooted in Christ

to ensure children do not fall behind. Teachers, and teaching assistants, ensure children keep up with the mathematics programme; our aim is not to have children falling behind with numerous catch-up programmes in place. Teaching is supported by high-quality resources carefully selected by the teacher with opportunities for plenty of practice. Whilst we use a variety of published resources such as White Rose Mathematics, NCTEM, the sequence of learning and the structure of lessons has been designed and developed by Our Lady of the Wayside Catholic School. Through high quality CPD, teachers have the subject and pedagogical knowledge to plan, deliver and assess a sequence of mathematical learning.

When learning about mathematics, we also believe that our children must explore and learn about the social, moral and cultural issues that affect human behaviour. To achieve this, we have threaded the 7 principles of Catholic Social Teaching through our curriculum:

1. Life and dignity of the Human Person
2. Call to family, Community and Participation
3. Rights and Responsibilities
4. Option for the poor and vulnerable
5. The Dignity of Work and the Rights of Workers:
6. Solidarity
7. Care for God's Creation