



The Divine Mercy RC Primary School - Maths Curriculum Intent

“Teach us to count up the days that are ours, and we shall come to the heart of wisdom.” (Psalm 90:12)

At The Divine Mercy we reflect the National Curriculum aims:

- Mathematics is a journey and long-term goal, achieved through exploration, clarification, practice and application over time.
- At each stage of learning, children should be able to demonstrate a deep, conceptual understanding of the topic and be able to build on this over time.
- We know there are 3 levels of learning: 1) Shallow learning – surface, temporary, often lost. 2) Deep learning: it sticks, can be recalled and used. 3) Deepest learning – it can be transferred and applied in different contexts. At The Divine Mercy, deep and deepest are what we are aiming for by teaching maths using the Mastery approach.
- Mathematics is an essential part of a balanced curriculum that is both well matched to and challenging to the learner’s needs.
- All learners should become fluent in the fundamentals of mathematics with the ability to communicate mathematically when reasoning and solving problems by the application of their mathematical understanding.
- We endeavour to ensure that children develop an enthusiastic attitude towards maths that will stay with them throughout their lives and enable them to make a positive difference to their communities.
- We want our children to be able to make connections between mathematics and other areas of the curriculum, for example – science and geography

In this subject:

At The Divine Mercy, we believe in Mastery for all. We are on our journey towards mastery teaching and we have tailored our approach to the children in our school. It is our strong belief that everyone can master maths at their own level. Teachers draw on a range of resources to create the best possible learning environment for our pupils, moving the children from the stages of pictorial and lastly to abstract. Time is taken as decided by the teacher to revisit and consolidate topics through the year to help ensure deep learning and prevent any gaps in learning. Reasoning is part of every lesson, and the use of talk partners, enables the children to verbalise and discuss their understanding. Working walls in each classroom allow the children to ‘explore’ maths and remind children of key mathematical facts they need to memorise.

Assessment of National Curriculum objectives is carried out by the class teacher and the use of Teacher assessment and end of unit tests. Tests are carried out to assess against the age related expectations of each year group. Along with evidence in books and from lessons, assessment weeks are held termly using the end of unit tests to inform the teacher’s decisions and to pinpoint gaps in children’s learning that need consolidation or intervention. Year 2 and 6 also use past SATs papers for end of term assessments. At The Divine Mercy, we are committed to ensuring that children are able to recognise the importance of maths in the wider world and that they are also able to use their mathematical skills and knowledge confidently in their lives in a range of different contexts. We want all the children to enjoy Maths and to experience success in the subject, with the ability to reason mathematically. We are committed to developing children’s curiosity about the subject, as well as an appreciation of the beauty and power of mathematics.

Jesus I Trust in You