

## **Maths Statement of Intent 2019-2020**

### **Intent**

The 2014 National Curriculum for Maths aims to ensure that all children:

- Become fluent in the fundamentals of Mathematics
- Are able to reason mathematically
- Can solve problems by applying their Mathematics

At Sacred Heart, these skills are embedded within Maths lessons and developed consistently over time, from Reception to Year 6. 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 children to enjoy Mathematics and to experience success in the subject.

### **Implementation**

The content and principles underpinning the 2014 Mathematics curriculum and the Maths curriculum at Sacred Heart reflect those taught through the Mastery approach. These principles and features characterise this approach and convey how our curriculum is implemented:

- Teachers reinforce an expectation that all children are capable of achieving high standards in Mathematics.
- The large majority of children progress through the curriculum content at the same pace.
- Differentiation is achieved by emphasising deep knowledge and through individual support and intervention.

To ensure whole school consistency and progression, we use the White Rose Maths Hub scheme.

Practice and consolidation play a central role. Carefully designed variation within this builds fluency and understanding of underlying mathematical concepts using a variety of representations. Every Maths lesson in KS2 starts with 'Fluent in 5' and in KS1, children are given a set of 3 to 5 questions based around number bonds to improve their fluency and recall.

Teachers use precise questioning in class to test conceptual and procedural knowledge and assess children regularly to identify those requiring intervention, so that all children keep up.

Each new area of Maths starts with a discussion to unpick why the children are learning a new approach and how it relates to them in a real-life context. This ensures all children understand the importance of Maths and how it is in every area of life. New concepts are shared within the context of a related problem, which children are able to discuss in partners. Teachers use careful questions to draw out children's discussions and their

reasoning. Independent work provides the means for all children to develop their fluency further, before progressing to more complex related problems.

### **Impact**

Sacred Heart has a supportive ethos and our approaches support the children in developing their collaborative and independent skills, as well as empathy and the need to recognise the achievement of others. Regular and ongoing assessment informs teaching, as well as intervention, to support and enable the success of each child. These factors ensure that we are able to maintain high standards, with achievement at the end of KS2 above the national average and a proportion of children demonstrating greater depth at the end of each phase.