***In the Light of Jesus, we Learn to Shine* – Primary Aims of our School Curriculum**

Mathematics

The National Curriculum (2014) explains the intent, implementation and impact of the mathematics curriculum for Key Stage 1 and 2, through its 'Purpose of Study' and 'Aims,' which we apply at St Joseph's. The details for this can be accessed here. The following statements outline the broader intent, implementation and impact of our mathematics curriculum for St Joseph's beyond those stated in the National Curriculum (2014):

INTENT	The broader aims of the St Joseph's Key Stage 1 and 2 curriculum for mathematics are: • to equip all of our pupils with the life skills they need to be able to flourish both in school and in the real world, including those which enable our pupils to be well-rounded members of society living as Jesus taught us. • to promote a love of mathematics and strong achievement in the subject for our pupils. • to ensure that every pupil has a memorable, rich and meaningful mathematics education regardless of ability or background and that they are mathematicians. • to teach mistakes and misconceptions as an essential part of learning and provide challenge through rich and sophisticated mastery problems. • to stress the importance of fluency within mathematics.
IMPLEMENTATION	Mathematics will be implemented across Key Stage 1 and 2 for all pupils at St Joseph's by: • teaching the National Curriculum, supported by a clear skills and knowledge progression, including across this curriculum. This ensures that skills and knowledge are built on year by year and are sequenced appropriately to maximise learning for all children. • teaching sequences based on small steps to ensure coherence, understanding, application of understanding and transference of skills to a range of mathematic problems and contexts including consolidation of or revisiting previously-taught skills for long term memory. • teaching mathematics daily. Support is determined during each lesson to ensure secure understanding based on the needs of the child. Challenge is visible throughout the whole session, where children are asked to reason and prove their understanding at a deeper secure level. • teaching real-life contexts which enable pupils to apply their understanding, reasoning and problem solving to the wider curriculum. • providing a language-rich environment that enables our pupils to have the confidence to talk about mathematics and apply it to their everyday lives. • providing opportunities for collaborative team work as well as specific teaching to promote independence and resilience in learning mathematics. • incorporating activities to actively promote engagement including: high-quality resources, games, challenges and visits. • teaching fluency through real life contexts to enable pupils to apply their understanding, reason about mathematics, problem solve and make connections across the subject and the wider curriculum, both collaboratively and independently. • providing children with a diet of inspirational mathematicians from a range of backgrounds.

IMPACT	The impact of the St Joseph's Key Stage 1 and 2 curriculum for mathematics is that: • by the end of Key Stage 2, children are fluent in the fundamentals of mathematics with a conceptual understanding and the ability to recall, discuss and apply knowledge rapidly and accurately. • our end of Key Stage attainment is always in line with or above local and national averages. All children make strong progress from their starting points. • our pupils talk enthusiastically about their mathematics. • pupils are enthused, engaged, challenged and on task. They can work independently and support their peers, explaining tasks to one another. • pupils are able to use and apply their mathematics skills in their everyday lives. • pupils see themselves as mathematicians.