

Being a Mathematician at Sacred Heart

Our Vision:

Sacred Heart pupils of all ages will acquire a deep, long-term secure and adaptable understanding of the subject. This will be achieved through teaching for mastery where elements of classroom practice and school organisation combine to give our pupils the best chances of mastering maths, enabling them to move on to more advanced material

What do we do?

INTENT

- Ensure every pupil can succeed
- Provide exciting and varied experiences using quality resources
- Provide children with deep, relevant, and purposeful questions, and contexts
- Provide opportunities in the wider curriculum to make and apply wider mathematical links
- Ensure teaching is progressive and builds on previous learning
- Provide interactive technology that supports and improves efficient recall of facts.
- Promote a passion for life-long learning of mathematics and link this to future aspirations



How will we know?

IMPACT

Sacred Heart children will leave our school:

- with aspiration and passion for life-long learning in mathematics
- with a deep, long-term, and adaptable understanding of the subject
- with the confidence and ability to move onto more advanced material in KS3 and beyond.
- with an understanding of how mathematics links to economic well-being, the world around us and future careers

How do we it?

IMPLEMENTATION

- Mathematics is taught daily across the school using the Power Maths scheme
- Lessons are broken down into small steps that gradually unfold a concept
- Concrete manipulatives and representations are used in a meaningful order to expose the structure being taught
- To ensure deep understanding, taught ideas are worked on, questioned, proved, and discussed
- Reasoning is part of every lesson
- Number and table facts are woven into each lesson to develop fluency
- Pre-teaching and post interventions are planned to deepen understanding