**Martin Wilson Primary School and Early Years Centre**

**Maths Intent, Implementation and Impact**

**Intent**

* Become fluent in the fundamentals of mathematics.
* Develop conceptual understanding and the ability to recall and apply knowledge.
* Explain their mathematics confidently and mathematically.
* Reason and problem solve by applying mathematics to a variety of increasingly complex problems.
* Develop resilience to enable them to reason and problem solve confidently.

**Implementation**

* To ensure full topic coverage, the school uses ‘White Rose’ which has been adapted by the subject lead to ensure pupils revisit topics each term.
* Daily maths lessons include fluency, reasoning and problem solving.
* Lessons ensure there is appropriate challenge for all learners.
* Concrete manipulatives and pictorial representations are used to support conceptual understanding and to make links across topics.
* Children complete pre-unit assessments to ensure the class teacher is carrying out more targeted teaching.
* Targeted questioning and regular marking allow staff to pick up on errors and address misconceptions.
* Children are assessed on a termly basis.

**Impact**

* Most children reach end of year expectations.
* Well planned sequences of learning, support children to develop and refine their maths skills.
* Children are able to independently apply their knowledge to a range of increasingly complex problems.
* Children are reasoning with increased confidence and accuracy.
* All children are fully able to access the maths curriculum.