

## Maths Intent at The Acorn Federation

We want our children to become fluent in the fundamentals of mathematics by developing conceptual understanding and the ability to recall and apply knowledge rapidly. To reason and problem solve by applying mathematics to a variety of increasingly complex problems and to build upon children's knowledge and understanding from year 1 to year 6.

- Children become confident, competent and independent mathematicians
- Build a deep conceptual understanding of maths and its interrelated content so that children can apply their learning in different situations
- Develop children's ability to articulate, discuss and explain their thinking using appropriate mathematical vocabulary
- 'Mistake friendly' classrooms where children see mistakes as learning tools – there is an emphasis placed upon developing the power to 'think' rather than just the 'do'
- Instil the mind-set in every child and staff member that everyone can do maths and that maths is for everyone...EVERYONE CAN!

## Implementation of the Curriculum

A wide range of resources are used from EYFS up to year 6 to ensure that children are fluent and able to problem solve and reason. IN EYFS and Key Stage 1 Numbersense and White rose is used. This is then built on in Key stage 2 by the use of Target maths which is supplemented with Nrich and fluent in five.

## Impact

Children develop into resilient and inquisitive learners – skills needed to become life-long mathematicians