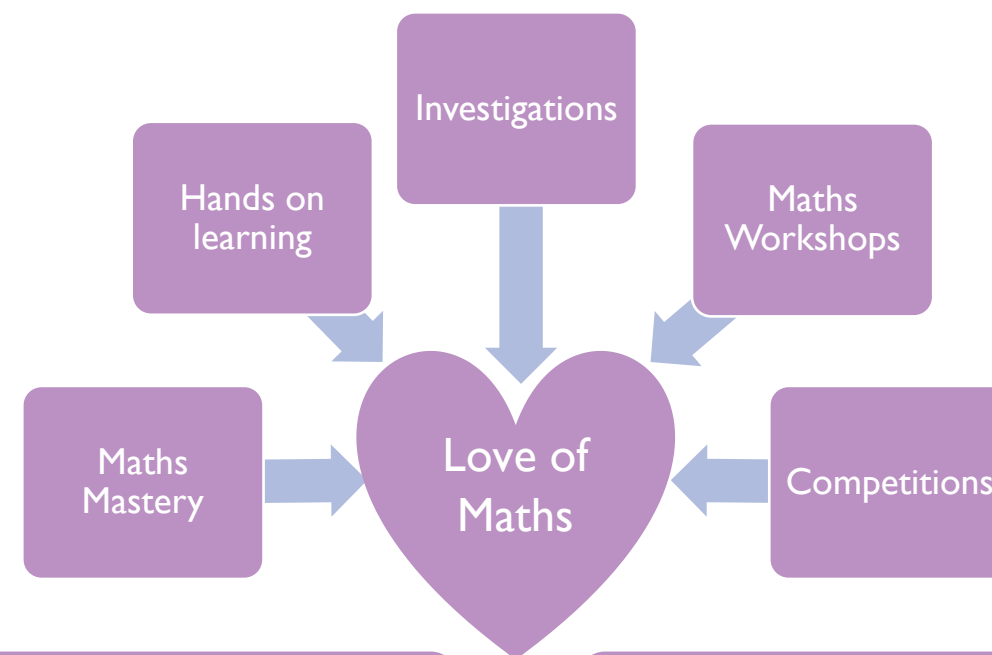


# NPSW Primary Phase Mathematics

## Vision for Mathematics:

- To develop a life-long love of Mathematics that will help children build a positive and resilient attitude to problem solving.
- To build global citizens who have an understanding of how mathematics is used in the wider world, with an ability to recall and apply knowledge rapidly and accurately.
- To develop children who use and understand mathematical language and recognise its importance as a language for communication and thinking.
- To ensure pupils become fluent in the fundamentals of mathematics, identify misconceptions and are able to reason mathematically.
- No child is left behind.
- Aim for every child to make progress.
- To be able to understand and apply how mathematics links to other areas of the wider curriculum.



## Mastery

Reasoning mathematically  
Identifying misconceptions  
Working walls  
Rich questioning and discussion  
Range of independent learning strategies  
Vocabulary Focus

## CPA as the foundation for learning

A range of practical resources  
Mathematical models  
Pictorial representations  
Scaffolding learning  
Tool Kits  
Knowledge Review  
Multiplication Monday

## Extra-curricular Opportunities

National competitions  
Maths workshops  
School-wide competitions  
Problem solving days  
Celebrating Maths - Maths Number Day

## Challenge

Excellence for all  
High expectations  
Next steps marking  
Deeper questioning and modelling  
Problem solving  
Staggered starts  
Challenge questions