



## Maths at Hinckley Parks Primary School

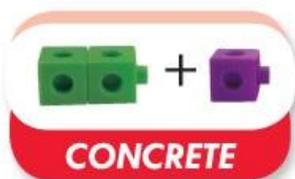
Many people think they 'can't do' Maths, but at Hinckley Parks we are aiming to prove that everybody can succeed and develop a love of maths. We are developing a mastery approach so that all pupils have the ability to deepen their understanding of a mathematical concept. Our aim for all pupils at Hinckley Parks is that they become:

- Confident and able to recall and apply mathematical knowledge in different contexts
- Able to explain their methods and thinking processes and apply skills in context
- Fluent in different areas of maths
- Efficient in applying problem-solving and reasoning skills
- Independent thinkers

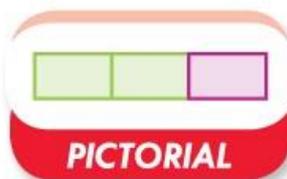


We follow the White Rose schemes of learning. Overviews for each year group can be found here:

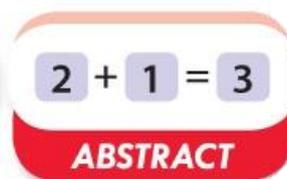
<https://whiterosemaths.com/resources/primary-resources/primary-sols/>



**CONCRETE**



**PICTORIAL**



**ABSTRACT**

When learning or developing a concept, pupils will use a range of manipulatives and images to gain a rounded understanding. This starts with the use of concrete resources and then moves on to looking at how to record this pictorially using bar models, part whole diagrams and other drawings. From this learning, pupils will move towards recording using numbers and symbols using written methods and calculations.

By creating links between concrete, pictorial and abstract methods, we aim to help pupils to develop a secure, long-lasting and adaptable understanding of mathematics.

### What does a typical lesson look like?

Pupils will work through 'blocks' of learning which have been carefully linked in order to build on prior knowledge. During each block, children learn the skills needed before completing an end of block assessment.

In Year 1 – 6, each daily lesson will include:

- A mix of teacher-led and student-led learning
- More exploration of maths using concrete, pictorial and abstract representations
- Fun and engaging activities and contexts
- More opportunities to further extend and challenge pupils to deepen understanding
- Key Questioning throughout

### Support for Parents

We understand that many parents feel like maths has changed and that it can sometimes be difficult to keep up to date with the methods that are being taught currently. White Rose have helpfully created a series of videos and supporting guides just for parents.

These can be accessed at:

<https://whiterosemaths.com/for-parents/maths-with-michael/>

Teachers are also more than happy to support if you have any questions or concerns.