



The Fairlawn Haseltine Federation

Mathematics Policy

As a federation, we promote a love and enjoyment for maths and believe that all children can achieve. To support this view, we explore new mathematical concepts using the CPA (Concrete, Pictorial and Abstract) approach:

- Children should have the opportunity to use **concrete** objects and manipulatives to help them understand the concept;
- Alongside this, children should use **pictorial** representations. These representations can then be used to help reason and solve problems;
- Both concrete and pictorial representations should support children's understanding of **abstract** methods.

As a result, all classes have access to a range of resources to support the CPA model.

To support meeting the aims of the curriculum: **fluency, reasoning** and **problem solving**, and to secure coverage, we follow the White Rose guidance resources. In all lessons, teachers will provide opportunities to support and deepen understanding of a concept through questioning, consolidating and providing procedural and conceptual variation. Small steps are made to address all misconceptions and for pupils to understand the process of their thinking.

All pupils are set weekly home learning on Mathletics.

Policy updated in December 2019.

Refer to White Rose resources for the year group overview, unit guidance and small-steps summary.

Refer to the feedback policy for marking guidance.

Refer to the National curriculum.

Refer to Assessment Policy.