

## **MATHEMATICS AT ALDINGTON PRIMARY SCHOOL**

### **Overview**

At Aldington School Mathematics lessons for pupils focus on and build upon structures (introduced in year 1 and built upon in future year groups); using 'Inspire Maths' which teaches particular approaches through a spiral learning curriculum. This has a high level of problem solving, reasoning and mathematical discussions to make sure learning is consolidated. This is heavily underpinned by the use of a CPA (Concrete, Pictorial, Abstract) approach which helps develop the strength of using and applying across the entire maths curriculum.

### **Curriculum Content and Objectives**

Mathematics at Aldington School covers the whole P Level Scale and the Key Stage 1 and 2 National Curriculum expectations:

In Early Years children are introduced to the concept of number and start to form a basic understanding through using and applying in every day contexts.

From Year 1 through to Year 6 children follow the Inspire Maths programme – a text book based maths scheme which carefully builds on previous learning and learnt concepts. This approach was researched and implemented to enhance the confidence of maths across the school with all levels of learners.

### **Methodology and Pedagogy / Delivery Method**

The schools' cross curricular method insures that Maths is also taught across the curriculum in all subjects. Computing is an essential part of teaching and learning Mathematics. We make great use of a variety of age related software, websites, games and real-life materials to engage students and help them learn in the way that best suits their needs with an emphasis on the key skills of Problem Solving.

### **Recording and Assessment**

At Aldington School all of our students are assessed using the school steps system – this is to track their progress across the school – identifying those working 'Below expected standard' 'At expected standard' or 'Above expected standard'. The school record this as; Developing, Secure or Greater Depth. The children are assessed using both inspire maths assessments and teacher assessments.

Students use their individual Maths workbook and standard maths book within which teachers will give feedback on their work following the school's marking policy.

### **Parent/Carer Involvement**

At Aldington School parents / carers have the opportunity to attend 'Parents Evening' at the beginning, middle and at the end of the school year to discuss pupils' achievements in Mathematics. Homework is set weekly which can be supported where required at home. 'Homework Club' takes place at lunchtimes to support this process. Workshops have also been delivered on the new Inspire Maths curriculum to parents across all year groups.