

## Maths Governor Visit Autumn 2022

### Reception

From Autumn to Spring terms the planned topics are:-

1. Number – weekly introduction to numbers 1 – 20. Explored in ways to make instant recognition, number conservation and number formation using both practical and written activities.
2. Set Theory – looking for similarities and differences. Reasons for sorting – developing logical thinking e.g. sorting food from the Harvest table – fruits, pasta, breakfast foods. Also where food comes from.
3. Pattern – Sequential pattern taught practically through art using colour shape and number.

Summer term

Problem solving activities - using the White Rose scheme.

Throughout the year measures – length, shape, weight/mass and capacity.

### Year 1

Follow the White Rose Maths scheme. They also use Maths in design technology and art supported by story and song.

### Years 2, 3 and 4

Follow the National Curriculum using the White Rose scheme. This approach helps children develop their conceptual understanding of Maths by using concrete objects, pictorial representations and abstract thinking.

## Lesson Observations

### Class 1

Both reception and year 1 started the lesson by watching Number Blocks a short BBC programme about the number 5. All children were engrossed watching examples of 5 e.g. star points, fingers, five bar gate and joined in enthusiastically with the catchy tune.

Reception then went outside for a short time with Georgina to collect sets of 5 relating to Autumn. (Leaves, conkers, etc) They then returned to complete a written task of ordering numbers,

After which they continued making sets of 5 with apparatus available to them.

Year 1 continued their lesson by ordering numbers. Mrs Davey suggested a number and the children had to say the next number. There was lots of natural discussion around the numbers. E.g. how many tens and ones in that number, odd or even, greatest and smallest. The children were encouraged to use the correct vocabulary. They then went on to complete a written worksheet of ordering numbers using mixed examples of words, pictures and numbers in words, using a ten frame and number line to help them. The SEN child went with Fritha to complete his worksheet in a quiet area using numicon equipment.

Year 2 were taught by Sheena in the hall. The topic was Place Value. They watched a video with lots of examples of ordering and using the correct signs  $<$ ,  $=$ , and  $>$ . They then did practical examples in a group using equipment such as base 10 and counters to help cement their understanding. Followed by written work in their workbooks. Reading and understanding the question is a barrier for some of the Y2's to work individually.

Year 3 and 4 were in Class 2 taught by Mrs Glenwright supported by Ms Nichols. Mrs Glenwright splits the lesson firstly teaching Year 3 whilst Year 4 work independently in their workbooks, they then swap half way through.

Year 3 topic was Hundreds. Making and ordering. The children are encouraged to use equipment to cement their understanding. The White Rose programme asks the children to explain how they know the answer or how they arrived at the answer to encourage greater depth understanding.

Year 4 topic was Rounding to the nearest 10. They used a range learning how to divide into steps.

### Class 2 Homework

Each child has a Times Table folder and Practice workbook. The children start by recognising multiples, counting in e.g. 3's, learning patterns. They complete 6 sets of tables per week in their practice book in order then out of order and related division.

Year 2 learn 2, 5, 10

Year 3 learn 3,6,4,8

Year 4 learn 7, 9, 11, 12.

There are great variations in ability in Class 2 which makes it very difficult to teach without additional support. I support on a Monday and Fritha supports class 2 the rest of the week.

Progress is monitored regularly and individual support given where required. Year 4 now have a tables test in June. Mrs Glenwright was pleased with last year's results. All children were attentive and enthusiastic throughout the lessons I observed. It was a pleasure to observe. Thank you for allowing me to share your lessons.

Denise Jones 10.10.2022