

### School Development Plan Priority

Raise standards in KS2 mathematics by:

- Eliminating the remaining gaps in pupils' subject knowledge and understanding
- Providing more opportunities for pupils to use and practise their calculation skills across all subjects ensuring that pupils record calculations neatly and accurately, thereby reducing the number of errors caused by poor calculation.

# Focus of Visit

To undertake a review of the long term objective to embed maths across the curriculum and improve presentation. The intention being that if it is found to have been met we will cease reporting on this as governors meetings and focus on current improvement priorities.

# Visit time, date and Governor name:

7<sup>th</sup> Dec 2016 – Jackie Eason

## Staff name:

Fran

## **Ofsted Outstanding**

■ Teachers are determined that pupils achieve well. They encourage pupils to try hard, recognise their efforts and ensure that pupils take pride in all aspects of their work. Teachers have consistently high expectations of all pupils' attitudes to learning.

### **Ofsted Good**

■ Teachers expect and encourage all pupils to work with positive attitudes so that they can apply themselves and make strong progress.

# Actions taken to address Ofsted priority

#### First steps taken

We looked across all of our topic planning and identified places where maths would fit naturally within topics, for example in science we increased the use of graphs, in history we would talk about 'How many years ago was that?'

We also looked at other things that we'd planned that could be adjusted to fit in additional maths, for example using timers in PE so we can look at averages. This was something that we did 'deliberately' in the beginning but is now embedded as standard practice across the curriculum.

#### Presentation

We evaluated the use of squared maths books and made sure we had the correct size squares for the correct age group and strictly only one number per square and lined up correctly. This improved presentation and the accuracy of calculations. Please see attached sample sheets.

### **Jottings**

We encourage the children to use a jottings stamp. This allows them the free space to confidently free flow and work out answers but then recognise the fact that this is just jotting and that they then need to present their workings neatly to show clear steps and answers.

# Eliminating gaps in knowledge

We use one to one, small group work and catch up sessions. Catch up sessions are when a child misses some key understanding in the morning we address this immediately in the afternoon so they don't fall further behind.

# Schemes that we use.

Originally we had Abacus maths which was latterly supported by Numicon to supplement it. Abacus was



restricted and didn't allow for the greater depth to be achieved, this was demonstrated in our 2016 SATs results where no children reached the greater depth level.

We have since invested in 'White Rose' and feel that this is working very effectively. It allows much greater depth and has plenty of examples to support teachers in delivering this. The scheme is actually broken down into fluency, reasoning and problem solving with plenty of examples at each level. This allows the teacher to provide differentiated work focused specifically for the individual needs of the child.

### **Observations and Discussions**

I looked at maths pages and saw how the squared paper assists with presentation.

# Summary to be entered on Governor Monitoring Plan:

I am assured that this Ofsted action point has been met and is now so firmly embedded within the school that it no longer needs to feature in the termly heads reports.

# **Further Action Required:**

Maintain the high standards.

#### Impact of Governance:

The school have gathered evidence to prove actions have been taken to address this area that required improvement. The analysis has allowed confirmation that the required actions have been achieved.

Governor signature:
Date:

Staff signature: