

## **Mathematics Policy October 2022**

### **Aims**

- For all pupils to enjoy mathematics.
- For all pupils to achieve to their full potential in mathematics.
- To work in line with the National Curriculum.
- To develop accuracy and fluency in mathematics.

### **Role of the subject leader**

- Monitor and support the implementation of the Mathematics Policy
- Monitor progress in Mathematics and work with the SLT on any action needed.
- Keep up to date with developments in Mathematics and to keep colleagues, including governors, informed of developments/ changes.
- Implement the mathematics action plan

### **Inclusion:**

We have a whole school approach to inclusion and lessons are planned to ensure all pupils can access these. Our Same Day Intervention Approach allows us to target pupils needing further support on a daily basis. In cases where pupils are still unable to access the curriculum see SEN Policy.

### **Resources**

Class teachers have a 'Maths Area' with child accessible resources which are commonly used/ needed in their class. Resources used less regularly are kept in a central store in the resources room.

### **Presentation/ Recording of Maths work**

Where practical work is undertaken staff and pupils are expected to take photos to evidence this. In KS1 photos can go in books. In FS photos go on TAPESTRY and/ or in class Floorbooks  
Recorded work should be dated (numerical date) and display the objective. In FS and lower KS 1 this may be done by an adult. Squared numeracy exercise books are used in KS1.

### **Marking**

See Marking Policy

### **Planning and Teaching**

Staff will plan and deliver lessons that follow the SDI approach. Staff must adhere to concrete, pictorial, abstract making sure pupils are secure in concrete before moving on to pictorial and so on. There will be a plan for daily mental maths to encourage the development of basic maths skills. KS1 will use curriculum coverage plans adapted from the White Rose. They will follow the maths curriculum year group objectives, aided by NCETM progression sheets.  
Foundation Stage – follow the Early Years Foundation Stage Maths section using a mastery approach. In Reception staff will plan and deliver lessons using White Rose Maths, adapting as

necessary. In Nursery staff will plan and deliver lessons using Master The Curriculum scheme adapting as necessary.

Little Grangers – maths is not a prime area and therefore is not specifically planned for, however staff will strive to record observations where maths is apparent and encourage development of maths where a natural interest is developing in the children's play.

Across all year group progression maps are used to ensure sequential teaching and learning takes place.

### **Differentiation**

The SDI approach has differentiated challenges in for platinum, gold, silver and diamonds. Differentiation will also be through the SDI group. Groups can change daily.

### **Assessment and Reporting In Numeracy**

#### *Daily*

Teacher assessment within lessons part of SDI. This will change groupings during the lessons as necessary giving challenge and support where needed within the lesson. This will be shown on the planning. Feedback is given during the SDI lesson. In Reception and Nursery FF sheets are used to assess and inform future planning.

#### *Peer/ Pupil Assessment*

Class Teacher will choose an appropriate strategy for their pupils to use so pupils may demonstrate how confident they are that they met the lesson's objective.

#### *RAG:*

Baseline and half termly recording of attainment is recorded on the whole school RAG system for each year group. This is based on teacher assessment.

#### *End of year Reports*

F2 – Y2 reports for parents/ carers, annually every Summer Term. Each KS1 report will have a section relating to Maths

### **Displays**

All KS1 classes should have a working wall that pupils can interact with and that supports their learning. There will be a whole school display, showcasing numeracy work from every year group based on the same concept, eg problem solving, shape. FS will have a maths area.

### **Vocabulary**

Please see implementation document.

Katie Delaney October 2022 Reviewed.