

## Bishop Monkton Primary School: Maths Policy

### Aims

- To produce confident and enthusiastic Mathematicians equipped with a strong foundation of Mathematical knowledge.
- To promote and practice resilience in the face of challenge, with the understanding that errors are usually a part of the learning process.
- To plan and deliver a range of independent and collaborative learning opportunities in line with National Curriculum guidance.
- To ensure that all pupils achieve to the best of their ability at each stage of their Primary education.
- To utilise rigorous and effective assessment systems to track, analyse and ensure pupil progress.

### Planning and Teaching Guidance

1. Planned objectives and lesson content are in line with statutory guidance provided by the National Curriculum.
2. NCETM guidance (Teaching for Mastery; Calculation Guidance; online exemplification) is used to inform planning where appropriate.
3. Problem solving (which could take the form of: word problems; finding all possibilities; logic; describing rules and patterns; visual puzzles and diagrams) is an integral part of weekly lessons.
4. Frequent opportunities to develop and sustain Mathematical fluency are integral to weekly lessons.
5. New or revisited learning is explored in a range of contexts and presented in a range of ways (concrete, pictorial or abstract).
6. Pupils are frequently expected to verbalise their Mathematical understanding and correct use of vocabulary is promoted and encouraged.
7. Pupils are given opportunities to work both independently and collaboratively in a range of contexts.
8. All pupils have access to a range of resources, with greater independence in selecting these resources being encouraged in KS2.
9. ICT is used where it enhances pupils' learning and progress.
10. Working Walls in each classroom reflect and support the current learning of the pupils.
11. Where appropriate, further support and provision for pupils is included to ensure continuing good progress for all.
12. Interventions are swiftly implemented and flexible to the needs of the child/children involved.
13. Challenge for the most able pupils is provided through the complexity, rather than quantity, of work provided, enabling them to explore objectives at greater depth.
14. Where possible, links to the Mathematics curriculum and opportunities to utilise Mathematical skills are included in other subject areas.

15. Training is provided for teaching staff to ensure consistently high standards of teaching are maintained and to promote an ethos of continually reflective practice.

### **Assessment Guidance**

1. Informal teacher assessments occur on a daily basis, in lesson time, and significant notes are recorded on teachers' planning documents.
2. Formal teacher assessments are gathered regularly, from the work pupils produce and their verbal contributions in class, and evidenced against each National Curriculum objective.
3. Teacher assessments inform future planning and interventions.
4. Teacher assessment is reported each term for every pupil (Excel spreadsheets) and monitored to ensure the continued good progress of every pupil.
5. Formal assessment (PUMA test) is used once a term in support of teacher assessments.
6. Children are provided with opportunities to self- and peer-assess, with this practice becoming a weekly occurrence in KS2.
7. Teachers' marking is completed in accordance with the Marking Policy. Next steps are identified when appropriate and children are given time to respond thoughtfully to the marking they receive.

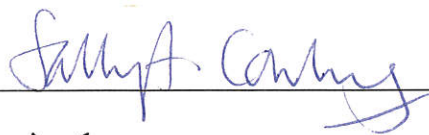
### **Home-School Guidance**

1. Bishop Monkton operates an open door policy and encourages support from parents and carers.
2. Parents are invited to attend Maths information evenings and Parents' Evenings.
3. An annual report is given to parents, identifying current Mathematical attainment and next steps for each pupils' learning.
4. Maths homework is set weekly, starting from Year 2.
5. An annual Maths-themed day takes place in school, where parental involvement is promoted and encouraged.

### **Subject Leadership Guidance**

1. Termly analysis of teacher assessment data will be carried out to ensure continued good progression of all pupils.
2. Book scrutinies will be completed regularly to maintain and reinforce high standards and expectations.
3. Maths lesson observations completed at least once a year by Headteacher and/or Subject Leader.

Signed Headteacher

  
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Signed Chair of Governors

  
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Date

May 2016

Review date

May 2019

