



# Bishop Bridgeman Church of England Primary School

## Maths Curriculum Policy

### RATIONALE

Mathematics is a key life skill, providing children with a means of making sense of the world in which they live. It is a proficiency, which involves confidence and competence with numbers, shapes, measures and data. It requires an understanding of the numbers system and an ability to solve problems in a variety of contexts.

Mathematics demands practical understanding of the ways in which information is gathered, presented and sorted.

### PURPOSE

Maths offers opportunities for children to:

- develop confidence and competence with numbers, shapes, measures and data.
- develop their mental agility in numeracy and the ability to have instant recall of basic facts.
- explain their strategies and talk about their mathematics, sharing ideas with others.
- develop skills in handling data and interpreting information gathering by counting and measuring and presenting in graphs, diagrams, charts and tables.
- learn to enjoy mathematics and have a positive attitude, approaching all problems with confidence and enthusiasm.
- reach their full potential and achieve their highest possible personal standards.
- develop their child's ability to apply mathematics to the solution of real life problems, so that they can see the relevance of what is being taught.

### GUIDELINES

1. All children will be given equal opportunity to follow the National Curriculum Programme of Study for Numeracy.
2. In Upper Key Stage 2 children will be taught in maths sets based on ability.

3. Mathematics teaching in school will reflect the philosophy of the National Curriculum and to support planning the Revised framework for teaching Mathematics is used. This framework is set down under seven main areas - using and applying mathematics, counting and understanding number, knowing and using number facts, calculating, understanding shape, measuring, handling data.
4. The numeracy framework will form the basis of our numeracy content, providing each child with a broad, balanced, relevant and differential curriculum.
5. Planning will be linked directly to the numeracy programmes of study. The framework will provide an overview, while a detailed weekly planning sheet will set out daily plans, focusing on objectives, pupil groupings, class organisation and resources. Teachers use assessment to adapt their planning where appropriate to meet the needs of all pupils.
6. To develop numeracy skills, mathematics teaching will take place on a daily 45-60 minutes basis.
7. Teaching will take the form of whole class, group work or individual tuition, where appropriate. It will be mindful of each child's abilities, and will respect individual pace and progress. Support staff will be used to target the development of pupils' basic number skills.
8. Children will use a variety of methods to record and present their work, including graphs and diagrams. When completing written methods they will follow the school's calculation policy.
9. All pupils will have Numeracy targets which will be assessed throughout the year.
10. Cross-curricular themes, dimensions and skills will be integrated with mathematics teaching where relevant.
11. ICT will be used to support and enhance mathematics teaching where relevant.

## **CONCLUSION**

Children given a sound understanding of numbers and measures will have a solid foundation on which to develop the ability to use mathematics for everyday life and to communicate information and ideas.

**Prepared by:** Mr C Booth

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Our school aims to support all families and the wider community. Any queries or concerns regarding individual policies will be considered on an individual basis.