

Bispham Drive Junior School Maths Curriculum Overview 2019 2020

At Bispham Drive Junior School we have adopted a 'Mastery' approach to teaching and learning in Mathematics. The aim is to increase enjoyment, resilience, understanding and attainment in Maths.

Maths planning begins in every year group with a yearly overview broken down termly. From the yearly overview, teachers follow the mathematics content. The sequence of learning is important and is always maintained. Once the appropriate content is selected, planning is guided by the National Curriculum and its objectives. The updated resources from the White Rose Maths are broken in to a 'small steps' guidance. Each of the national curriculum objectives are broken down leading to the overall objective. The 'small steps' then feed into the 'Guidance and Examples' document, which gives more exemplar questions and problems which meet each of the curriculum objectives.

Key features of our Maths Mastery curriculum:

- High expectations for every child
- Fewer topics, greater depth
- Number sense and place value come first
- Focus on mathematical thinking and language
- Manipulatives to support
- Reasoning is central
- Calculate with confidence– understand why it works

We aim that all pupils:

- Become **fluent** in the fundamentals of mathematics so that they develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- Can **solve** problems by applying their mathematics to a variety of problems with increasing sophistication, including in unfamiliar contexts and to model real-life scenarios.
- Can **reason** mathematically by following a line of enquiry and develop and present a justification, argument or proof using mathematical language.

The **Mathematics Mastery** programme is a whole-school approach to teaching **mathematics** and we aim to raise attainment and close the gap between pupils.

Links shown on the curriculum map are to the relevant White Rose planning which describe content and provide examples of how it is taught.

Maths	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Baseline Place Value Addition and Subtraction Mental arithmetic Times Tables (Revisit 2, 5, 10 Teach 3,4) https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Autumn2019-20/Year-3-Full-Autumn-Term.pdf	Addition and Subtraction (carried Over) Multiplication and Division Assessment Week Mental arithmetic https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Autumn2019-20/Year-3-Full-Autumn-Term.pdf	Multiplication and Division Money Statistics Mental arithmetic https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-3-2018-19-Spring-SOL-Full-Term.pdf	Length and Perimeter Fractions Mental arithmetic https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-3-2018-19-Spring-SOL-Full-Term.pdf	Fractions Time Mental arithmetic https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Summer Term SOL/Year-3-Summer-Term Full Scheme.pdf	Properties of shape Mass and capacity Mental arithmetic https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Summer Term SOL/Year-3-Summer-Term Full Scheme.pdf
Year 4	Roman Numerals Place Value Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Autumn2019-20/Year-4-Full-Autumn-Term.pdf	Addition and Subtraction Length/perimeter Multiplication/Division Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Autumn2019-20/Year-4-Full-Autumn-Term.pdf	Multiplication/Division Area Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-4-2018-19-Spring-SOL-Full-Term.pdf	Fractions Decimals Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-4-2018-19-Spring-SOL-Full-Term.pdf	Decimals Money Time Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Summer Term SOL/Year-4-Summer-Term Full Scheme.pdf	Statistics Properties of shape Position and Direction Mental Maths https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Summer Term SOL/Year-4-Summer-Term Full Scheme.pdf
Year 5	Place Value Addition & Subtraction Statistics https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf	Multiplication & Division Perimeter & Area https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf	Multiplication & Division Fractions https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf	Fractions Decimals & Percentages https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf	Decimals Geometry - Properties of shape https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf	Geometry - Position & Direction Measurement - Converting units Measurement - Volume https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Year-5-2018-19-Spring-SOL-Full-Term.pdf

	t/uploads/2019/09/Year-5-Autumn-RPS-Questions.zip	r-5-Autumn-RPS-Questions.zip	/Primary/Year-5-2018-19-Spring-SOI-Full-Term.pdf	/Primary/Year-5-2018-19-Spring-SOI-Full-Term.pdf	/Primary/Summer_Term_SOI/Year-5-Summer-Term_Full_Scheme.pdf	https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Summer_Term_SOI/Year-5-Summer-Term_Full_Scheme.pdf
Year 6	Baseline assessments Place Value Number Fractions https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Autumn2019-20/Year-6-Full-Autumn-Term.pdf	Fractions Geometry, position and direction https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Autumn2019-20/Year-6-Full-Autumn-Term.pdf	Number decimals - decimals Percentages Algebra https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Year-6-2018-19-Spring-SOI-Full-Term.pdf	Measures - converting units Measures - perimeter, volume and area Ratio Statistics https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Year-6-2018-19-Spring-SOI-Full-Term.pdf	Maths Project - all the fun of the fair Properties of shape Statistics https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Summer_Term_SOI/Year-6-Summer-Term_Full_Scheme.pdf	Maths project https://whiterosemaths.com/wp-content/uploads/2019/Sols/Primary/Summer_Term_SOI/Year-6-Summer-Term_Full_Scheme.pdf