Maths Curriculum Overview

Silverdale St John's CE Primary School

Silverdale St John's CE Primary School has chosen to follow the 'Red Rose Maths' scheme of work, complimented by White Rose Maths for EYFS and Year 6. These schemes focus on the idea that all pupils can achieve depth in their learning which can be accomplished by using key principles including:

- representation and structure (effective pedagogies for modelling, concrete-pictorial-abstract approaches, effective use of manipulatives and transition between them)
- coherence (curriculum design, progression of objectives, sequencing learning, small steps, contextualising learning between different areas of mathematics)
- mathematical thinking (effective questioning, identifying patterns and relationships, deep understanding through reasoning and problem solving, supporting children to achieve
- deeper learning where appropriate)
- variation (progression through representations using conceptual variation, progression through questioning using procedural variation)
- fluency (efficiency, accuracy, flexibility, developing unconscious competence)

EYFS

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Getting to know you		Match, sort and compare FREE TRIAL VIEW		Talk about measure and patterns VIEW		It's me 1, 2, 3 VIEW		Circles and triangles VIEW	1, 2, 3, 4, 5 VIEW		Shapes with 4 sides VIEW
Spring term	Alive in 5 VIEW		Mass and capacity VIEW	Growing 6, 7, 8 VIEW		Length, height and time VIEW		Building 9 and 10 VIEW			Explore 3-D shapes VIEW	
Summer term	To 20 and beyond VIEW		How many now? VIEW	Manipulate, compose and decompose VIEW		Sharing and grouping VIEW		Visualise, build and map VIEW			Make connections VIEW	Consolidation

Red Rose Mastery Maths Scheme: Year 1 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Unit 1** Place Value	**Unit 5** Sequencing and Sorting	**Unit 10** Place Value	**Unit 16** Length and Mass	**Unit 21** Place Value	**Unit 27** Time
Week 2		**Unit 6** Fractions	**Unit 11** Mass	**Unit 17** Addition and Subtraction	**Unit 22** Addition and Subtraction	**Unit 28** Multiplication and Division
Week 3	**Unit 2** Length and Mass	**Unit 7** Capacity and Volume	**Unit 12** 2-D and 3-D Shape	**Unit 18** Fractions	**Unit 23** Capacity and Volume	**Unit 29** Statistics and Calculation
Week 4	**Unit 3** Addition and Subtraction	**Unit 8** Money	**Unit 13** Counting and Money	**Unit 19** Position & Direction	**Unit 24** Fractions	**Unit 30** Measurement
Week 5		**Unit 9** Time	**Unit 14** Multiplication	**Unit 20** Time	**Unit 25** Position & Direction and Time	**Unit 31** Sorting and Sequencing
Week 6	**Unit 4** 2-D and 3-D Shape	Assess and review week	**Unit 15** Division	Assess and review week	**Unit 26** 2-D and 3-D Shape	Assess and review week

Red Rose Mastery Maths Scheme: Year 2 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Unit 1** Place Value	**Unit 5** Counting, Multiplication and Sorting	**Unit 11** Place Value	**Unit 16** Length	**Unit 21** Place Value and Statistics	**Unit 28** Addition and Subtraction
Week 2	**Unit 1** Place Value	**Unit 6** Statistics	**Unit 12** Mass and Volume and Capacity	**Unit 17** Addition and Subtraction	**Unit 22** Addition and Subtraction	**Unit 29** Multiplication and Division
Week 3	**Unit 2** Length and Mass	**Unit 7** Fractions	**Unit 13** Addition and Subtraction	**Unit 18** 2-D and 3-D Shape	**Unit 23** Capacity and Volume / **Unit 24** Temperature	**Unit 30** Statistics and Calculation
Week 4	**Unit 3** Addition and Subtraction	**Unit 8** Capacity and Volume / **Unit 9** Money	**Unit 14** Money	**Unit 19** Fractions and Position & Direction	**Unit 25** Fractions	**Unit 31** Measurement
Week 5	**Unit 3** Addition and Subtraction	**Unit 10** Time	**Unit 15** Multiplication and Division	**Unit 20** Time	**Unit 26** Position & Direction and Time	Assess and review then address significant gaps
Week 6	**Unit 4** 2-D and 3-D Shape	Assess and review week	**Unit 15** Multiplication and Division	Assess and review week	**Unit 27** 2-D and 3-D Shape	Assess and review then address significant gaps

Red Rose Mastery Maths Scheme: Year 3 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Unit 1** Place value, addition and subtraction	**Unit 5** Multiplication tables (3× and 4×)	**Unit 10** Place value, addition and subtraction	**Unit 15** 2-D shape	**Unit 20** Addition and subtraction	**Unit 25** Place value
Week 2		**Unit 6** Multiplication	**Unit 11** Multiplication	**Unit 16** Addition, subtraction and statistics		**Unit 26** Calculation
Week 3	**Unit 2** Length and perimeter	**Unit 7** Division		**Unit 17** Fractions	**Unit 21** Multiplication and division	**Unit 27** Fractions
Week 4	**Unit 3** Statistics	**Unit 8** Time	**Unit 12** Fractions	**Unit 18** Position & direction	**Unit 22** 2-D shape	**Unit 28** Statistics
Week 5	**Unit 4** Addition and subtraction	**Unit 9** 3-D shape	**Unit 13** Division	**Unit 19** Time	**Unit 23** Decimal place value	**Unit 29** Time
Week 6		Assess and review week	**Unit 14** Volume, capacity and mass	Assess and review week	**Unit 24** 3-D shape	Assess and review week

Red Rose Mastery Maths Scheme: Year 4 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Unit 1** Place Value, Addition and Subtraction	**Unit 5** Multiplication	**Unit 9** Place Value	**Unit 14** Addition and Subtraction and Money	**Unit 20** Place Value	**Unit 24** Fractions
Week 2				**Unit 15** 2-D Shape and Sorting	**Unit 21** Addition and Subtraction	
Week 3	**Unit 2** Length and Perimeter	**Unit 6** Division	**Unit 10** Multiplication	**Unit 16** Position and Direction		**Unit 25** 2-D and 3-D Shape
Week 4	**Unit 3** Statistics	**Unit 7** Time		**Unit 17** Area	**Unit 22** Multiplication and Division and Measures	**Unit 26** Statistics
				Unit 18 Statistics		
Week 5	**Unit 4** Addition and Subtraction	**Unit 8** 3-D Shape	**Unit 11** Division	**Unit 19** Measures		**Unit 27** Place Value
Week 6		Assess and review week	**Unit 12** Addition and Subtraction	Assess and review week	**Unit 23** Area	Assess and review week
			Unit 13 Fractions			

Red Rose Mastery Maths Scheme: Year 5 Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Unit 1 Place Value	Unit 6 Multiplication and Division	Unit 10 Place Value and Negative Numbers	Unit 15 Fractions	Unit 20 Place Value	Unit 25 Division
Week 2	Unit 1 Place Value	Unit 6 Multiplication and Division	Unit 11 Addition and Subtraction	Unit 15 Fractions	Unit 20 Place Value	Unit 26 Fractions
Week 3	Unit 2 Addition and Subtraction	Unit 7 Fractions	Unit 12 Multiplication	Unit 16 Geometry (Shape)	Unit 20 Place Value	Unit 27 Percentages
Week 4	Unit 2 Addition and Subtraction	Unit 8 Multiplication and Area	Unit 13 Measures (Length, Mass and Capacity)	Unit 17 Measurement (Volume)	Unit 21 Measurement and Statistics	Unit 27 Percentages
Week 5	Unit 3 Statistics	Unit 8 Multiplication and Area	Unit 14 Geometry	Unit 18 Statistics	Unit 22 Geometry	Unit 28 Statistics
Week 5	Unit 4 Geometry (Angles)	Unit 9 Time	Unit 14 Geometry	Unit 19 Problem Solving including Bar Modelling	Unit 23 Addition and Subtraction	Unit 29 Measurement
Week 6	Unit 5 Geometry and Measures	Assess and review week	Unit 14 Geometry	Assess and review week	Unit 24 Multiplication	Assess and review week

Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Number **Place value** FREE TRIAL VIEW		Number **Addition, subtraction, multiplication and division** VIEW					Number **Fractions A** VIEW		Number **Fractions B** VIEW		Measurement Converting units VIEW
Spring term	Number **Ratio** VIEW		Number **Algebra** VIEW		Number **Decimals** VIEW		Number **Fractions decimals and percentages** VIEW		Measurement **Area, perimeter and volume** VIEW		**Statistics** VIEW	
Summer term	Geometry **Shape** VIEW			Geometry Position and direction VIEW	**Themed projects, consolidation and problem solving** VIEW							