

Planning for Mathematics at our Federated Schools

Maths Lead for both schools is Susan Watts.

Long term planning

The National Curriculum for Mathematics 2014 and EYFS Development Matters provide the long term planning for mathematics.

Medium Term Planning

We use the White Rose Maths Hub schemes of learning for our medium term planning documents and lesson plans. These plans support our mastery approach and are consistent with the aims and objectives of the National Curriculum. The schemes break down children's learning into small steps and provide learning opportunities for reasoning, mathematical fluency and problem solving. They ensure teachers stay in the required Key Stage and support children acquiring a depth and breadth of knowledge of mathematical concepts. These schemes also provide teachers with exemplification for maths objectives. The schemes support pupils working together as a whole groups where possible. Children build competency by following the CPA (concrete, pictorial, abstract) approach allowing them to work with a variety of objects and equipment to bring their maths to life, before drawing or using different representations, enabling them to move onto abstract methods with confidence. Our pupils who understand mathematical concepts quickly are challenged in different ways to use and consolidate their knowledge. Teachers often draw on other mathematical resources to help them do this, for example, resources from NRICH.

EYFS

Dunton - Robin Class, Wrestlingworth - Squirrel Class

	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 (Take this time to play and get to know the children!) Contains overviews and frequently asked questions VIEW			Just like me! Match and sort Compare amounts Compare size, mass & capacity Exploring pattern VIEW			It's me 1, 2, 3! Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3 Circles and triangles Positional language VIEW			Light & dark Representing numbers to 5 One more or less Shapes with 4 sides Time VIEW		
Spring term	Alive in 5! Introducing zero Comparing numbers to 5 Composition of 4 & 5 Compare mass (2) Compare capacity (2) VIEW			Growing 6, 7, 8 6, 7 & 8 Combining two amounts Making pairs Length & height Time (2) VIEW			Building 9 & 10 Counting to 9 & 10 Comparing numbers to 10 Bonds to 10 3-D shapes Spatial awareness Patterns VIEW			Consolidation		
Summer term	To 20 and beyond Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning 1 Match, rotate, manipulate VIEW			First, then, now Adding more Taking away Spatial reasoning 2 Compose and decompose VIEW			Find my pattern Doubling Sharing & grouping Even & odd Spatial reasoning 3 Visualise and build VIEW			On the move Deepening understanding Patterns & relationships Spatial mapping (4) Mapping VIEW		

KS1

Dunton - Kingfisher Class, Wrestlingworth - Acorn Class

Year 1 and 2 Autumn Term

	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 (within 10) VIEW					Number Addition and subtraction (within 10) VIEW					Geometry Shape VIEW	Consolidation
Autumn term	Number Place value VIEW			Number Addition and subtraction VIEW				Geometry Shape VIEW				

Year 1 and 2 Spring Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Spring term	Number Place value (within 20) VIEW		Number Addition and subtraction (within 20) VIEW			Number Place value (within 50) VIEW		Measurement Length and height VIEW		Measurement Mass and volume VIEW		
Spring term	Measurement Money VIEW	Number Multiplication and division VIEW				Measurement Length and height VIEW		Measurement Mass, capacity and temperature VIEW				

Year 1 and 2 Summer Term SATS weeks are week 4 and 5 of the Summer Term.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Summer term	Number Multiplication and division VIEW		Number Fractions VIEW		Geometry Position and direction VIEW	Number Place value (within 100) VIEW		Measurement Money VIEW	Measurement Time VIEW		Consolidation	
Summer term	Statistics VIEW		Number Fractions VIEW		Geometry Position and direction VIEW		Problem solving		Measurement Time VIEW			

Dunton - Owl Class, Wrestlingworth - Oak Class

Year 3 and 4 Autumn Term

	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 VIEW		Number Addition and subtraction VIEW				Number Multiplication and division VIEW					
Autumn term	Number Place value VIEW		Number Addition and subtraction VIEW			Measurement Area VIEW	Number Multiplication and division VIEW				Consolidation	

Year 3 and 4 Spring Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Spring term	Number Multiplication and division VIEW		Measurement Length and perimeter VIEW		Number Fractions VIEW		Measurement Mass and capacity VIEW					
Spring term	Number Multiplication and division VIEW		Measurement Length and perimeter VIEW		Number Fractions VIEW			Number Decimals VIEW				

Year 3 and 4 Summer Term

The Year 4 Multiplication Check will be held in the second half of the Summer Term.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Summer term	Number Fractions VIEW	Measurement Money VIEW	Measurement Time VIEW	Measurement Time VIEW	Geometry Shape VIEW	Statistics Statistics VIEW	Consolidation					
Summer term	Number Decimals VIEW	Measurement Money VIEW	Measurement Time VIEW	Consolidation	Geometry Shape VIEW	Statistics Statistics VIEW	Geometry Position and direction VIEW					