

## Greenfield Primary School Maths Long Term Plan

At Greenfield we want our pupils to become happy, assured and resilient mathematicians who relish the challenge of maths. We want them to develop a deep understanding of all mathematical concepts and we aim to develop their fluency, reasoning and problem-solving skills. We follow the White Rose Maths Hub long term plans, which are in line with the National Curriculum.

The plans are a guide for teachers to use in their maths planning. However, teachers are expected to use ongoing assessment to adapt plans to meet the needs of their children.

### EYFS

Following the White Rose's suggested areas of learning, the children in EYFS have a daily maths input, lasting about 10-15 minutes. This input includes number rhymes, songs and games as well as the learning focus. This is followed by teacher led activities to secure and explore new concepts further, as well as opportunities to practice through activities in the enhanced provision.

The children also take part in a daily session to help them to develop their mastery in number.

### Key Stage 1

There is a daily maths lesson where pupils will work on the key concepts in maths and develop their reasoning and problem-solving skills.

The children also take part in a daily session to help them to develop their mastery in number.

### Key Stage 2

There is a daily maths lesson which consists of:

- 10 mins – 15 minutes - Fluency practice (this can be done at any point during the day)
- 10 mins - Retrieval practice, in the form of a flashback
- 50 mins - A Maths lesson where pupils will work on the key concepts in maths and develop reasoning and problem-solving skills.

# Greenfield Primary School Maths Long Term Plan

## 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
EYFS	Getting to Know You: settling in and exploring maths in the continuous provision		Match sort and compare		Talk about and Measure Patterns		It's Me 1,2,3: Representing, comparing and composition of 1, 2 &3 Circles & Triangles and positional language		Circles and Triangles	1,2,3,4,5		Shapes with 4 sides
Year 1	Number: Place Value within 10				Number: Addition and Subtraction (within 10)					Geometry: Shape	Consolidation	
Year 1/2	Follow the same order as the Year 1 and 2 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 2	Number: Place Value				Number: Addition and Subtraction					Shape		
Year 3	Number: Place Value			Number: Addition and Subtraction					Number: Multiplication and Division			
Year 3/4	Follow the same order as the Year 3 and 4 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 4	Number: Place Value				Number: Addition and Subtraction			Measurement: Area	Number: Multiplication and Division			Consolidation
Year 5	Number: Place Value			Number: Addition and Subtraction		Number: Multiplication and Division			Fractions A			
Year 6	Number: Place Value		Number: Addition, Subtraction, Multiplication and Division				Number: Fractions A			Number: Fractions B		Measurement: Converting Units

# Greenfield Primary School Maths Long Term Plan

## 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
EYFS	Alive in 5! Introduce zero, comparing numbers to 5, composition of 4 & 5 Compare mass & capacity		Mass and capacity	Growing 6, 7 and 8: 6, 7 & 8, combining two amounts, making pairs Length & Height, Time		Length, Height and Time		Building 9 and 10: Counting to 9 & 10, comparing numbers to 10, Bonds to 10 3D shapes, Spatial awareness, Patterns			Explore 3D Shapes	
Year 1	Number: Place Value (within 20)			Number: Addition and Subtraction (within 20)			Measurement (Length and Height)		Place Value (within 50)		Measurement (Mass and Volume)	
Year 1/2	Follow the same order as the Year 1 and 2 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 2	Measurement: Money		Number: Multiplication and Division					Measurement: Length and Height		Measurement: Mass, Capacity and Temperature		
Year 3	Number: Multiplication and Division			Number: Fractions			Measurement: Length and Perimeter			Measurement: Mass and Capacity		
Year 3/4	Follow the same order as the Year 3 and 4 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 4	Number: Multiplication and Division			Measurement: Length and Perimeter		Number: Fractions				Number: Decimals		
Year 5	Number: Multiplication and Division			Fractions B		Number: Decimals and Percentages			Measurement: Perimeter and Area		Statistics	
Year 6	Number: Ratio		Number: Algebra		Number: Decimals		Number: Fractions, Decimals and Percentages		Measurement: Area, Perimeter and Volume		Statistics	

# Greenfield Primary School Maths Long Term Plan

## 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
EYFS	To 20 and Beyond: Building numbers and counting patterns beyond 10; Spatial reasoning; Match, rotate and Manipulate		How Many Now?	Manipulate, Compose and Decompose.		Sharing and Grouping		Visualise, Build and Map			Make Connections	Consolidation
Year 1	Number: Multiplication and Division			Number: Fractions		Geometry: Position and Direction	Number: Place Value within 100		Measurement: Time		Measurement: Money	
Year 1/2	Follow the same order as the Year 1 and 2 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 2	Number: Fractions			Measurement: Time			Statistics		Geometry: Position and Direction		Consolidation	
Year 3	Number: Fractions		Measurement: Money		Measurement: Time			Geometry: Shape		Statistics		Consolidation
Year 3/4	Follow the same order as the Year 3 and 4 classes – children should be working on their own year groups booklets. Only split the children when working on completely different topics.											
Year 4	Number: Decimals		Measurement: Money		Measurement: Time		Geometry: Shape		Statistics	Geometry: Position and Direction		Consolidation
Year 5	Geometry: Shape			Geometry: Position and Direction		Number: Decimals			Number: Negative Numbers	Measurement: Converting Units		Measurement: Volume
Year 6	Geometry: Properties of Shape			Geometry: Position and Direction	Consolidation, Investigations, and preparations for KS3							