# Monks Coppenhall Academy

## Mathematics Long Term Plan 2022-23

**Guidance:**

The White Rose Maths Hub is used in Reception, KS1 and KS2 to inform planning and ensure detailed coverage of the National Curriculum. The scheme of learning ensures that children become fluent in the fundamentals of mathematics; reason mathematically and can solve problems by applying their mathematics. There is flexibility within each year group to adapt the time spent on each unit to ensure that all pupils' needs are met.

# Reception

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Autumn** | Getting to Know You | | | Just Like Me! | | | It's Me 1 2 3! | | | Light and Dark | | | Consolidation | |
| **Spring** | Alive in 5! | | | Growing 6, 7, 8 | | | Building 9 and 10 | | | Consolidation | | | | |
| **Summer** | To 20 and Beyond | | | First Then Now | | | Find My Pattern | | | On The Move | | | | |

# Year 1

| | 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** | Number **Place value (within 10)** | | | | | Number **Addition and subtraction (within 10)** | | | | | Geometry Shape | Consolidation |
| **Spring** | Number **Place value (within 20)** | | | Number **Addition and subtraction (within 20)** | | | Number **Place value (within 50)** | | Measurement **Length and height** | | Measurement **Mass and volume** | |
| **Summer** | Number **Multiplication and division** | | | Number **Fractions** | | Geometry **Position and direction** | Number **Place value (within 100)** | | Measurement **Money** | Measurement **Time** | | Consolidation |

# Year 2

| | 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** | Number **Place value** | | | | Number **Addition and subtraction** | | | | | Geometry **Shape** | | |
| **Spring** | Measurement **Money** | | Number **Multiplication and division** | | | | | Measurement **Length and height** | | Measurement **Mass, capacity and temperature** | | |
| **Summer** | Number **Fractions** | | | Measurement **Time** | | | Statistics | | Geometry **Position and direction** | | Consolidation | |

# Year 3

|  | 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 | Number **Place value** | | | Number **Addition and subtraction** | | | | | Number **Multiplication and division A** | | | |
| Spring | Number **Multiplication and division B** | | | Measurement **Length and perimeter** | | | Number **Fractions A** | | | Measurement **Mass and capacity** | | |
| Summer | Number **Fractions B** | | Measurement **Money** | | Measurement **Time** | | | Geometry **Shape** | | Statistics | | Consolidation |

# Year 4

|  | 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 | Number **Place value** | | | | Number **Addition and subtraction** | | | Measurement **Area** | Number **Multiplication and division A** | | | Consolidation |
| Spring | Number **Multiplication and division B** | | | Measurement **Length and perimeter** | Number **Fractions** | | | | Number **Decimals A** | | | |
| Summer | Number **Decimals B** | | Measurement **Money** | | Measurement **Time** | | Consolidation | Geometry **Shape** | | Statistics | Geometry **Position and direction** | |

# Year 5

| | 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** | Number **Place value** | | | Number **Addition and subtraction** | | Number **Multiplication and division A** | | | Number **Fractions A** | | | |
| **Spring** | Number **Multiplication and division B** | | | Number **Fractions B** | | Number **Decimals and percentages** | | | Measurement **Perimeter and area** | | **Statistics** | |
| **Summer** | Geometry **Shape** | | | Geometry **Position and direction** | | Number **Decimals** | | | Number **Negative numbers** | Measurement **Converting units** | | Measurement **Volume** |

# 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** | Number **Place value** | | Number **Addition, subtraction, multiplication and division** | | | | | Number **Fractions A** | | Number **Fractions B** | | Measurement **Converting units** |
| **Spring** | **Ratio** | | **Algebra** | | Number **Decimals** | | Number **Fractions, decimals and percentages** | | Measurement **Area, perimeter and volume** | | **Statistics** | |
| **Summer** | Geometry **Shape** | | Geometry **Position and direction** | Themed projects, consolidation and problem solving | | | | | | | | |