# St Mary's Catholic Primary School

*Living and Learning Together – Shining in our Faith*

## Mathematics Long Term Plan

| Nursery | | | | | |
|---|---|---|---|---|---|
| **Autumn 1**<br>**(7 weeks)** | **Autumn 2**<br>**(8 weeks)** | **Spring 1**<br>**(6 weeks)** | **Spring 2**<br>**(6 weeks)** | **Summer 1**<br>**(5 weeks)** | **Summer 2**<br>**(6.5 weeks)** |
| Comparison 1<br>**More than fewer than same** | Counting 2<br>**Begin to order number names** | Subitising 2<br>**Show me one, two, three** | Counting 4<br>**Take and give 1,2,3** | Pattern 4<br>**Lead on own repeats** | Counting 5<br>**Show me 5** |
| Comparison 1<br>**More than fewer than same** | Counting 2<br>**Begin to order number names** | Subitising 2<br>**Show me one, two, three** | Counting 4<br>**Take and give 1,2,3** | Pattern 4<br>**Lead on own repeats** | Counting 5<br>**Show me 5** |
| Shape, space and measures 1<br>**Explore and build with shapes and objects** | Subitising 1<br>**I see 1,2,3** | Counting 3<br>**Move and label 1,2,3** | Shape space and measure 4<br>**Match, talk, push and pull** | Shape space and measure 5<br>**Start to puzzle** | Pattern 6<br>**My own pattern** |
| Pattern 1<br>**Explore Repeat** | Pattern 2<br>**Join in with repeats** | Shape space and measure 3<br>**Explore position and routes** | Subitising 3<br>**Talk about dots** | Pattern 5<br>**Making patterns together** | Counting 6<br>**Stop at 1,2,3,4,5** |
| Pattern 1<br>**Explore Repeat** | Pattern 2<br>**Join in with repeats** | Shape space and measure 3<br>**Explore position and routes** | Subitising 3<br>**Talk about dots** | Pattern 5<br>**Making patterns together** | Counting 6<br>**Stop at 1,2,3,4,5** |
| Counting 1<br>**Hear and say number names** | Shape, space and measure 2<br>**Explore Space** | Pattern 3<br>**Explore patterns** | Comparison 2<br>**Compare and sort collections** | Subitising 4<br>**Make games and actions** | Comparison 3<br>**Match sort compare** |

| EYFS | | | | | |
|---|---|---|---|---|---|
| Autumn 1 (7 weeks) | Autumn 2 (8 weeks) | Spring 1 (6 weeks) | Spring 2 (6 weeks) | Summer 1 (5 weeks) | Summer 2 (6.5 weeks) |
| All about me 2 weeks | Circles and triangles 4 steps | *Alive in 5* *8 steps* *Recap and re enforce* | Length, height, Time *6 steps* | To 20 and beyond 6 steps | Sharing and grouping *6 steps* |
| All about me 2 weeks | 1,2,3,4,5 7 steps | *Alive in 5* *8 steps* *Recap and re enforce* | *Bridging 9,10* *13 steps* | How many ? 4 steps | Visualise, build, and map. 11 steps |
| Matching and sorting 7 steps | 1,2,3,4,5 7 steps | Mass and capacity 4 steps | *Bridging 9,10* *13 steps* | . Manipulate, compose, decompose 8 steps | Visualise, build, and map. 11 steps |
| Matching and sorting 7 steps | Shapes with four sides 4 steps | Growing 6.7.8 10 steps | *Bridging 9,10* *13 steps* | Manipulate, compose, decompose 8 steps | Visualise, build, and map. 11 steps |
| Talk about measures and pattern 6 steps | *Alive in 5* *8 steps* | Growing 6.7.8 10 steps | Explore 3d Shapes *7 steps* | Sharing and grouping 6 steps | Make connections 2 steps |
| . Talk about measures and pattern 6 steps ( begin It's me 1,2,3) | *Alive in 5* *8 steps* | Length, height, Time *6 steps* | Explore 3d Shapes *7 steps* | | |
| It's me 1,2,3 6 steps | | | | | |
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| Year 1/2 | | | | | | | | | | | |
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| Autumn 1 (7 weeks) | | Autumn 2 (8 weeks) | | Spring 1 (6 weeks) | | Spring 2 (6 weeks) | | Summer 1 (5 weeks) | | Summer 2 (6.5 weeks) | |
| Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 | Year 1 | Year 2 |
| Place value 15 steps | Place value 16 steps | Addition and subtraction 17 steps | Addition and subtraction 21 steps | Addition and subtraction | Time 7 steps | Multiplication And Division 8 steps | X and ÷ Merge steps 4 and 5 17 steps | Shape 5 steps | Shape 12 steps | Mass and volume 7 steps | Mass and volume 8 steps |
| Place value 15 steps | Place value 16 steps | Addition and subtraction 17 steps | Addition and subtraction 21 steps | Addition and subtraction | Time 2 days 7 steps | Multiplication And Division 8 steps | Multiplication And Division 17 steps | Shape 5 steps | Shape 12 steps | Mass and volume 7 steps | Mass and volume 8 steps |
| Place value 15 steps | Place value 16 steps | Place value Within 20 8 steps | Statistics 7 Steps | Place Value within 50 8 steps | | Multiplication And Division 8 steps | Multiplication And Division 17 steps | Number formation and number bonds | Shape 2 days 12 steps | Place Value Within 100 7 steps | |
| Place value 15 steps | Place value 16 steps | Place value 8 steps | Statistics 2 days 7 Steps | Place Value Within 50 (3 days) | | Fractions 8 steps | Fractions 15 steps | Length and Height 3 steps | Length and Height 5 steps | Place value Within 100 2 days | Money 10 steps |
| Addition and Subtraction 17 steps | Addition and Subtraction 21 steps | Place Value – 2 days  Time – 3 days step 4 – 6 | Position and direction Week 1 | | | Fractions 8 steps | Fractions 15 steps | | | Money 4 steps | Money 10 steps |
| Addition and Subtraction 17 steps | Addition and Subtraction 21 steps | Assessment | Assessment | Assessment | Assessment | Position and Direction 5 steps | Fractions 15 steps | | | Assessment | Assessment |
| Addition and Subtraction 17 steps | Addition and Subtraction 21 steps | Consolidation | Consolidation | | | | | | | | |
| | | Consolidation | Consolidation | | | | | | | | |

| Year 3/4 | | | | | | | | | | | |
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| **Autumn 1** **(7 weeks)** | | **Autumn 2** **(8 weeks)** | | **Spring 1** **(6 weeks)** | | **Spring 2** **(6 weeks)** | | **Summer 1** **(5 weeks)** | | **Summer 2** **(6.5 weeks)** | |
| Year 3 | Year 4 | Year 3 | Year 4 | Year 3 | Year 4 | Year 3 | Year 4 | Year 3 | Year 4 | Year 3 | Year 4 |
| Place Value *14 steps* | Place Value *17 steps* | Addition and subtraction *1 week* | Addition and subtraction *1 week* | Multiplication and division B *11 steps* | Multiplication and division B *15 steps* | Fractions A and B *16 steps* | Fractions *15 steps* | Mass and capacity *11 steps* | Decimals *18 steps* | Money *5 steps* | Money *6 steps* |
| Place Value *14 steps* | Place Value *17 steps* | Multiplication and division a *15 steps* | Multiplication and division a *13 steps* | Multiplication and division B *11 steps* | Multiplication and division B *15 steps* | Fractions A and B *16 steps* | Fractions *15 steps* | Mass and capacity *11 steps* | Decimals *18 steps* | Time *12 steps* | Time *5 steps* |
| Place Value *14 steps* | Place Value *17 steps* | Multiplication and division a *15 steps* | Multiplication and division a *13 steps* | Length and perimeter *12 steps* | Multiplication and division B *15 steps* | Fractions A and B *16 steps* | Fractions *15 steps* | Mass and capacity *11 steps* | Decimals *18 steps* | Time *12 steps* | Time *5 steps* |
| Addition and subtraction *22 steps* | Addition and subtraction *10 steps* | Multiplication and division a *15 steps* | Multiplication and division a *13 steps* | Length and perimeter *12 steps* | Length and perimeter *9 steps* | Shape *10 steps* | Shape *8 steps* | Consolidation of times tables | Decimals *18 steps* | Time *12 steps* | Position and direction *5 steps* |
| Addition and subtraction *22 steps* | Addition and subtraction *10 steps* | | Area *4 steps* | Length and perimeter *12 steps* | Length and perimeter *9 steps* | Shape *10 steps* | Shape *8 steps* | | Consolidation of times tables | | |
| Addition and subtraction *22 steps* | Addition and subtraction *10 steps* | | | Statistics *6 steps* | Statistics *4 steps* | | | | | | |
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| Year 5/6 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Autumn 1 (7 weeks) | | Autumn 2 (8 weeks) | | Spring 1 (6 weeks) | | Spring 2 (6 weeks) | | Summer 1 (5 weeks) | | Summer 2 (6.5 weeks) | |
| Year 5 | Year 6 | Year 5 | Year 6 | Year 5 | Year 6 | Year 5 | Year 6 | Year 5 | Year 6 | Year 5 | Year 6 |
| Place value *14 steps* | Place value *8 steps* | Fractions A *17 steps* | Fractions A and B *18 steps* | Fractions B *7 steps* | Algebra *10 steps* | Area and perimeter (Volume Year 5) *10 steps* | Perimeter, area and volume *8 steps* | Converting *6 steps* | Conversions *5 steps* | Decimals *12 steps* | Problem solving |
| Place value *14 steps* | Place value *8 steps* | Fractions A *17 steps* | Fractions A and B *18 steps* | Fractions B *7 steps* | Algebra *10 steps* | Area and perimeter (Volume Year 5) *10 steps* | Perimeter, area and volume *8 steps* | Position and direction *6 steps* | Position and direction *5 steps* | Decimals *12 steps* | Problem solving |
| Place value *14 steps* | Place value *8 steps* | Fractions A *17 steps* | Fractions A and B *18 steps* | Decimals and Percentages *15 steps* | Decimals *9 steps* | Statistics *5 steps* | Statistics *6 steps* ( teach one the previous week) | | | Decimals *12 steps* | Nrich investigations |
| Multiplication and division A *10 steps* | Four operations *17 steps* | Fractions A *17 steps* | Fractions A and B *18 steps* | Decimals and percentages *15 steps* | Decimals *9 steps* | Shape *10 steps* | Shape *11 steps* | | | Negative numbers *5 steps* | Nrich investigations |
| Multiplication and division A *10 steps* | Four operations *17 steps* | Multiplication and Division B *11 steps* | Ratio *10 steps* | Decimals and percentages *15 steps* | Fractions, Decimals, percentages *9 steps* | Shape *10 steps* | Shape *11 steps* | | | Volume *4 steps* | Open ended investigations |
| Addition and subtraction *8 steps* | Four operations *17 steps* | Multiplication and division B *11 steps* | Ratio *10 steps* | | Fractions, Decimals, percentages *9 steps* | Assessment | Assessment | | | Assessment | Assessment |
| Addition and subtraction *8 steps* | Four operations *17 steps* | Assessment | Assessment | | | | | | | | |