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Waterside Primary School

Maths Scheme of Work

Year Two – Yearly Overview

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|  | **Autumn One** | **Autumn Two** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Week 1** | Baseline | Multiplication | Place value | Multiplication | Place value | Multiplication |
| **Week 2** | Place value | Multiplication | Place Value | Multiplication | Place Value | Multiplication |
| **Week 3** | Place Value | Fractions | Addition and subtraction | Fractions | Addition and subtraction | Fractions |
| **Week 4** | Addition and subtraction | Money | Addition and subtraction | Money | Addition and subtraction | Transition |
| **Week 5** | Addition and subtraction | Position and direction | Measure | Position and direction | Statistics | Transition |
| **Week 6** | Measure | Consolidation | Geometry | Consolidation | Geometry | Transition |
| **Week 7** | Geometry | Consolidation |  |  |  | Transition |
| **Week 8** | Statistics |  |  |  |  |  |

**Year Two – Content and Coverage**

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|  | **Autumn One** | **Content and Coverage** |
| **Week 2-3** | **Place value** | To Count, read, write numbers to 100 in numerals and words  Recognise the place value of each digit in a two-digit number and compose and decompose two digit numbers using standard and non-standard partitioning  Compare and order numbers to 100 using <>= symbols  Identify, represent and estimate numbers using different representations including a number line  Reason about the location of any two-digit numbers in the linear number system including identifying the previous and next multiple of 10 |
| **Week 4** | **Addition and subtraction** | Secure fluency in addition and subtraction facts within 10 through continued practise  Recall addition and subtraction facts to 20 fluently and derive and use facts up to 100  Add and subtract across 10  Add and subtract numbers mentally  Solve problems with addition and subtraction using concrete objects, pictorial representations including numbers quantities and measures |
| **Week 5** | **Addition and subtraction** | Add and subtract within 100 by applying related one-digit addition and subtract facts.  Add and subtract only ones or only to/from a two-digit number  Add and subtract within 100 any 2 digit numbers using partitioning, dienes, objects and pictorial representations  Solve problems with addition and subtraction using mental and written methods |
| **Week 6** | **Measure** | Compare and order length, mass, volume  Choose and use appropriate standard units to measure and estimate using rulers, scales and thermometers |
| **Week 7** | **Geometry** | Use precise language to describe the properties of 2d and 3 d shapes and reason about their similarities and differences. |
| **Week 8** | **Statistics** | To represent data, interpret and ask questions across the curriculum |

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|  | **Autumn Two** | **Content and Coverage** |
| **Week 1** | **Multiplication** | Count in steps of 2,3,5 from 0 and in 10’s from any numbers, forwards and backwards  Recognise repeated addition contexts, representing them with multiplication equations and calculating the product within the 2’s , 5’s 10’s tables |
| **Week 2** | **Multiplication**  **/Division** | Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor and to division equations.  Recognise, understand and use odd and even numbers |
| **Week 3** | **Fractions** | Recognise, find, name and write fractions of a length, shape, set of objects or quantity |
| **Week 4** | **Money** | Recognise the value of different denominations of coins and notes, combing amounts and finding different combinations |
| **Week 5** | **Position and direction** | To explore position and direction using mathematical language and knowledge of right angles |
| **Week 6-7 7** | **Consolidation** | |

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|  | **Spring One** | **Content and Coverage** |
| **Week 1**  **- 2** | **Place value** | To Count, read, write numbers to 100 in numerals and words  Recognise the place value of each digit in a two-digit number and compose and decompose two digit numbers using standard and non-standard partitioning  Compare and order numbers to 100 using <>= symbols  Identify, represent and estimate numbers using different representations including a number line  Reason about the location of any two-digit numbers in the linear number system including identifying the previous and next multiple of 10 |
| **Week 3** | **Addition and subtraction** | Secure fluency in addition and subtraction facts within 10 through continued practise  Recall addition and subtraction facts to 20 fluently and derive and use facts up to 100  Add and subtract across 10  Add and subtract numbers mentally  Solve problems with addition and subtraction using concrete objects, pictorial representations including numbers quantities and measures |
| **Week 4** | **Addition and subtraction** | Add and subtract within 100 by applying related one-digit addition and subtract facts.  Add and subtract only ones or only to/from a two-digit number  Add and subtract within 100 any 2 digit numbers using partitioning, dienes, objects and pictorial representations  Solve problems with addition and subtraction using mental and written methods |
| **Week 5** | **Measure** | Compare and order length, mass, volume  Choose and use appropriate standard units to measure and estimate using rulers, scales and thermometers |
| **Week 6** | **Geometry** | Use precise language to describe the properties of 2d and 3 d shapes and reason about their similarities and differences. |

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|  | **Spring Two** | **Content and Coverage** |
| **Week 1** | **Multiplication** | Count in steps of 2,3,5 from 0 and in 10’s from any numbers, forwards and backwards  Recognise repeated addition contexts, representing them with multiplication equations and calculating the product within the 2’s , 5’s 10’s tables |
| **Week 2** | **Multiplication**  **/Division** | Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor and to division equations.  Recognise, understand and use odd and even numbers |
| **Week 3** | **Fractions** | Recognise, find, name and write fractions of a length, shape, set of objects or quantity |
| **Week 4** | **Money** | Recognise the value of different denominations of coins and notes, combing amounts and finding different combinations |
| **Week 5** | **Position and direction** | To explore position and direction using mathematical language and knowledge of right angles |
| **Week 6** | Consolidation | |

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|  | **Summer One** | **Content and Coverage** |
| **Week 1 and 2** | **Place value** | To Count, read, write numbers to 100 in numerals and words  Recognise the place value of each digit in a two-digit number and compose and decompose two digit numbers using standard and non-standard partitioning  Compare and order numbers to 100 using <>= symbols  Identify, represent and estimate numbers using different representations including a number line  Reason about the location of any two-digit numbers in the linear number system including identifying the previous and next multiple of 10 |
| **Week 3** | **Addition and subtraction** | Secure fluency in addition and subtraction facts within 10 through continued practise  Recall addition and subtraction facts to 20 fluently and derive and use facts up to 100  Add and subtract across 10  Add and subtract numbers mentally  Solve problems with addition and subtraction using concrete objects, pictorial representations including numbers quantities and measures |
| **Week 4** | **Addition and subtraction** | Add and subtract within 100 by applying related one-digit addition and subtract facts.  Add and subtract only ones or only to/from a two-digit number  Add and subtract within 100 any 2 digit numbers using partitioning, dienes, objects and pictorial representations  Solve problems with addition and subtraction using mental and written methods |
| **Week 5** | **Statistics** | To represent data, interpret and ask questions across the curriculum |
| **Week 6** | **Geometry** | Use precise language to describe the properties of 2d and 3 d shapes and reason about their similarities and differences. |

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|  | **Summer Two** | **Content and Coverage** |
| **Week 1** | **Multiplication** | Count in steps of 2,3,5 from 0 and in 10’s from any numbers, forwards and backwards  Recognise repeated addition contexts, representing them with multiplication equations and calculating the product within the 2’s , 5’s 10’s tables |
| **Week 2** | **Multiplication**  **/Division** | Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor and to division equations.  Recognise, understand and use odd and even numbers |
| **Week 3** | **Fractions** | Recognise, find, name and write fractions of a length, shape, set of objects or quantity |
| **Week 4** | **Transition** | |
| **Week 5** | **Transition** | |
| **Week 6** | **Transition** | |
| **Week 7** | **Transition** | |