



**Booragul Public School**  
**Booragul Public School**  
 Numeracy Scope and Sequence

|                     |  | <b>Early Stage 1</b>   |   |  |
|---------------------|--|--|---|--|
|                     |  | <b>Strand</b>  | <b>Outcomes</b>   |  |
| <b>Semester 1</b>   | <b>Daily Warm Ups Whole Number 15 Minutes</b>  | <b>Staff Development</b>   |   |  |
|                     |  | <b>Orientation &amp; Pre Assessment</b>                                  |   |  |
|                     |  | <b>1</b>   | <b>Whole Number</b>   | MAe-1WM- describes mathematical situations using everyday language, actions, materials and informal recordings                         |
|                     |  |  | <b>Patterns &amp; Algebra</b>   |  |
|                     |  |  | <b>Length</b>   | MAe-2WM- uses objects, actions, technology and/or trial and error to explore mathematical problems                                     |
|                     |  |  | <b>Mass</b>   |  |
|                     |  |  | <b>Time</b>   |  |
|                     |  |  | <b>3D Space</b>   | MAe-3WM- uses concrete materials and/or pictorial representations to support conclusions   |
|                     |  |  | <b>2D Space</b>   |  |
|                     |  |  | <b>Position</b>   |  |
|                     |  |  | <b>Data</b>   | MAe-4NA- counts to 30, and orders, reads and represents numbers in the range- 0-20   |
|                     |  | <b>Whole Number</b>  |   |  |
|                     |  | <b>2</b>   | <b>Addition &amp; Subtraction</b>   | MAe-5NA combines, separates and compares collections of objects, describes using everyday language, and records using informal methods |
|                     |  |  | <b>Multiplication &amp; Division</b>  |  |
|                     |  |  | <b>Fractions &amp; Decimals</b>   | MAe-7NA- describes two equal parts as halves   |
|                     |  |  | <b>Area</b>   | MAe-8NA- recognizes, describes and continues repeating patterns  |
|                     |  |  | <b>Volume &amp; Capacity</b>  | MAe-9MG- describes and compares lengths and distances using everyday language  |
|                     |  |  | <b>Time</b>   | MAe-10MG- describes and compares area using everyday language  |
|                     |  |  | <b>3D Space</b>   |  |
| <b>Position</b>     | MAe-11MG- describes and compares the capacities of containers and the volumes of objects or substances using everyday language |  |   |  |
| <b>Whole Number</b> |  |  |   |  |
| <b>Semester 2</b>   | <b>Daily Warm Ups Whole Number 15 Minutes</b>  | <b>Addition &amp; Subtraction</b>  | MAe-12MG- describes and compares the masses of objects using everyday language  |  |
|                     |  | <b>Multiplication &amp; Division</b>                                     |   |  |
|                     |  | <b>Fractions &amp; Decimals</b>  | MAe-13MG- sequences events, uses everyday language to describe the durations of events, and reads hour time on clocks   |  |
|                     |  | <b>Patterns &amp; Algebra</b>  |   |  |
|                     |  | <b>Length</b>  |   |  |
|                     |  | <b>Mass</b>  | MAe-14MG- manipulates, sorts and representations of two-dimensional shapes, including circles, triangles, squares and rectangles, using everyday language           |  |
|                     |  | <b>Time</b>  |   |  |
|                     |  | <b>Position</b>  |   |  |
|                     |  | <b>Data</b>  | MAe-15MG- manipulates, sorts and describes representations of two dimensional shapes, including circles, triangles, squares and rectangles, using everyday language |  |
|                     |  | <b>3D Space</b>  |   |  |
|                     |  | <b>2D Space</b>  |   |  |
|                     |  | <b>3</b>   | <b>Whole Number</b>   | MAe-16MG-describes position and gives and follows simple directions using everyday language  |
|                     |  |  | <b>Addition &amp; Subtraction</b>   |  |
|                     |  |  | <b>Area</b>   | MAe-17SP- represents data and interprets data displays made from objects   |
|                     |  |  | <b>Volume &amp; Capacity</b>  |  |
|                     |  |  | <b>Time</b>   |  |
|                     |  |  | <b>3D Space</b>   |  |
| <b>Position</b>     |  |  |   |  |
| <b>4</b>            | <b>Whole Number</b>  | MAe-17SP- represents data and interprets data displays made from objects |   |  |
|                     | <b>Addition &amp; Subtraction</b>  |  |   |  |
|                     | <b>Area</b>  |  |   |  |
|                     | <b>Volume &amp; Capacity</b>   |  |   |  |
|                     | <b>Time</b>  |  |   |  |
|                     | <b>3D Space</b>  |  |   |  |
|                     | <b>Position</b>  |  |   |  |



## Numeracy Scope and Sequence

### Stage 1

#### Strand

#### Outcomes

Staff Development

Orientation & Pre Assessment

| Semester 1 |   | Daily Warm Ups Whole Number 15 Minutes |   |  |
|------------|---|--|---|--|
| 1          | 1 | Whole Number 1&2                       | MA1-1WM- describes mathematical situations and methods using everyday and some mathematical language, actions, materials, diagrams and symbols      |  |
|            |   | Patterns & Algebra 1&2                 | MA1-2WM- uses objects, diagrams and technology to explore mathematical problems   |  |
|            |   | Length 1&2                             | MA1-3WM- supports conclusions by explaining or demonstrating how answers were obtained  |  |
|            |   | Position 1&2                           | MA1-4NA- applies place value, informally, to count, order, read and represent two- and three-digit numbers  |  |
|            |   | Time 1&2                               | MA1-5NA- uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers                |  |
|            |   | 3D Space 1&2                           |   |  |
|            |   | 2D Space 1&2                           |   |  |
|            |   | Whole Number 1&2                       | MA1-6NA- uses a range of mental strategies and concrete materials for multiplication and division   |  |
|            |   | Addition & Subtraction 1&2             | MA1-7NA- represents and models halves, quarters and eighths   |  |
|            |   | Multiplication & Division 1&2          | MA1-8NA- creates, represents and continues a variety of patterns with numbers and objects   |  |
| 2          | 2 | Position 1&2                           | MA1-9MG- measures, records, compares and estimates lengths and distances using uniform informal units, metres and centimetres                       |  |
|            |   | Data 1&2                               | MA1-10MG- measures, records, compares and estimates areas using uniform informal units  |  |
|            |   | Area 1&2                               | MA1-11MG measures, records, compares and estimates volumes and capacities using uniform informal units  |  |
|            |   | Volume & Capacity 1&2                  | MA1-12MG- measures, records, compares and estimates the masses of objects using uniform informal units  |  |
|            |   | Time 1&2                               | MA1-13MG- describes, compares and orders durations of events, and reads half- and quarter-hour time   |  |
|            |   | Chance 1&2                             | MA1-14MG- sorts, describes, represents and recognizes familiar three-dimensional objects, including cones, cubes, cylinders, spheres and prisms     |  |
|            |   | Whole Number 1&2                       | MA1-15MG- manipulates, sorts, represents, describes and explores two dimensional shapes, including quadrilaterals, pentagons, hexagons and octagons |  |
|            |   | Position 1&2                           | MA1-16MG represents and describes the positions of objects in everyday situations and on maps   |  |
|            |   | Time 1&2                               | MA1-17SP- gathers and organizes data, displays data in lists, tables and picture graphs, and interprets the results                                 |  |
|            |   | 3D Space 1&2                           | MA1-18SP- recognizes and describes the element of chance in everyday events   |  |
| 3          | 3 | Length 1&2                             |   |  |
|            |   | Addition & Subtraction 1&2             |   |  |
|            |   | Multiplication & Division 1&2          |   |  |
|            |   | Fractions & Decimals 1&2               |   |  |
|            |   | Patterns & Algebra 1&2                 |   |  |
|            |   | Length 1&2                             |   |  |
|            |   | Whole Number 1&2                       |   |  |
|            |   | Addition & Subtraction 1&2             |   |  |
|            |   | Area 1&2                               |   |  |
|            |   | Data 1&2                               |   |  |
| 4          | 4 | Mass 1&2                               |   |  |
|            |   | Time 1&2                               |   |  |
|            |   | 3D Space 1&2                           |   |  |