Mathematics Curriculum Area Plan

Incorporating Measurement and Geometry

Sample Program – Year Prep to Year 6

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|  | **Approximate hours of teaching** | **3** | **6** | **9** | | **12** | | | **15** | | **18** | | **21** | **24** | **27** | | **30** | **33** |
| **Prep** | **Semester 1** | 0.1.2: Direct and Indirect Comparisons of Length, Mass and Capacity | | 0.1.5 Features of 2D Shapes | | 0.1.7 Days of the Week and Sequencing Daily Events | | | 0.1.9 Language of Position and Movement | | 0.1.1 Describe, Sort and Name 3D Shapes | | 0.1.12 Time to the Hour and Duration of Time |  |  | |  |  |
| Sub-strand: Using Units of Measurement | | Sub-strand: Shape | | Sub-strand: Using Units of Measurement | | | Sub-strand: Location and Transformation | | Sub-strand: Shape | | Sub-strand: Using Units of Measurement |  |  | |  |  |
| **Semester 2** | 0.2.2: Revisiting Measurement- Comparisons of Lengths, Masses and Capacities | | 0.2.5 Comparing Features of 2D and 3D Shapes | | 0.2.8 Revisiting Time to the Hour and Duration of Time | | |  | |  | |  |  |  | |  |  |
| Sub-strand: Using Units of Measurement | | Sub-strand: Shape | | Sub-strand: Using Units of Measurement | | |  | |  | |  |  |  | |  |  |
| **Year 1** | **Semester 1** | 1.1.2 Measuring and Comparing Length Informally | 1.1.6 Time - Half Past and Duration (Days, Weeks) | 1.1.9 Location - Giving and Following Directions | | 1.1.10 Recognise and Classify 2D Shapes | | |  | |  | |  |  |  | |  |  |
| Sub-strand: Using Units of Measurement | Sub-strand: Using Units of Measurement | Sub-strand: Location and Transformation | | Sub-strand: Shape | | |  | |  | |  |  |  | |  |  |
| **Semester 2** | 1.2.2 Measuring and Comparing Capacity Informally | 1.2.7 Time - Half Past and Duration (Days, Weeks, Minutes and Hours) | | |  | | |  | |  | |  |  |  | |  |  |
| Sub-strand: Using Units of Measurement | Sub-strand: Using Units of Measurement | | |  | | |  | |  | |  |  |  | |  |  |
| **Year 2** | **Semester 1** | 2.1.2 Measurement - Comparing Length, Area | | | | 2.1.7 Clock times, Months, Seasons and the Calendar | | | | |  | |  |  |  | |  |  |
| Sub-strand: Using Units of Measurement | | | | Sub-strand: Using Units of Measurement | | | | |  | |  |  |  | |  |  |
| **Semester 2** | 2.2.2 Measuring Mass, Volume and Capacity | | | | 2.2.5 Describing 2D Shapes and Transformations | | | | | | | 2.2.7 Mapping and Giving Directions | | 2.2.8 Describing 3D Shapes | | |  |
| Sub-strand: Using Units of Measurement | | | | Sub-strand: Shape | | | | | | | Sub-strand: Location and Transformation | | Sub-strand: Shape | | |  |
| **Year 3** | **Semester 1** | 3.1.2 3D Shapes | | 3.1.3 Measurement - Length | | 3.1.8 Space - Shape and Symmetry | | | | 3.1.9 Geometric Reasoning - Angles | | | |  |  | |  |  |
| Sub-strands: Shape | | Sub-strand: Using Units of Measurement | | Sub-strand: Location and Transformation | | | | Sub-strand: Geometric Reasoning | | | |  |  | |  |  |
| **Semester 2** | 3.2.2 Solids | | 3.2.3 Volume Capacity Mass | | 3.2.8 Space, Maps, Scales and Networks | 3.2.9 Time and Temperature | | |  | | |  |  | |  |  |  |
| Sub-strands: Shape | | Sub-strand: Units of Measurement | | Sub-strand: Location and Transformation | Sub-strand: Using Units of Measurement | | |  | | |  |  | |  |  |  |
| **Year 4** | **Semester 1** | 4.1.2 2D Shapes and Area | | 4.1.3 Measurement - Length | | | 4.1.8 Space - Shape and Symmetry | | | | | | 4.1.9 Geometric Reasoning - Angles | |  | |  |  |
| Sub-strand: Shape | | Sub-strand: Using Units of Measurement | | | Sub-strand: Location and Transformation | | | | | | Sub-strand: Geometric Reasoning | |  | |  |  |
| **Semester 2** | 4.2.2 Solids | | 4.2.3 Volume Capacity Mass | 4.2.8 Space, Maps, Scales and Networks | | | | | | 4.2.9 Time | | |  |  | |  |  |
| Sub-strand: Shape | | Sub-strand: Using Units of Measurement | Sub-strand: Location and Transformation | | | | | | Sub-strand: Using Units of Measurement | | |  |  | |  |  |
| **Year 5** | **Semester 1** | 5.1.4 Shape - 2D and 3D Shape, Properties and Angles | | 5.1.5 Measurement - Time, Length, Area and Perimeter | | | | | | | | | |  |  | |  |  |
| Sub-strand: Shape; Geometric Reasoning | | Sub-strand: Using Units of Measurement | | | | | | | | | |  |  | |  |  |
| **Semester 2** | 5.2.4 Shape - Location and Transformation | | 5.2.5 Measurement - Volume and Capacity and Mass | | | | | | |  |  | |  |  | |  |  |
| Sub-strand: Location and transformation | | Sub-strand: Using Units of Measurement | | | | | | |  |  | |  |  | |  |  |
| **Year 6** | **Semester 1** | 6.1.4 Shape - Prisms, Pyramids and Angles | | 6.1.5 Measurement - Time, Length, Area and Perimeter, connecting to Decimal Numbers and Converting between Units of Measure | | | | | | | |  | |  |  | |  |  |
| Sub-strand: Geometric Reasoning | | Sub-strand: Using Units of Measurement, Geometric Reasoning | | | | | | | |  | |  |  | |  |  |
| **Semester 2** | 6.2.4 Shape - Transformation and Cartesian Coordinates | | 6.2.5 Measurement - Converting between Metric Units for Volume and Capacity and Mass | | | | | | |  |  | |  |  | |  |  |
| Sub-strand: Location and Transformation | | Sub-strand: Using Units of Measurement, Geometric Reasoning | | | | | | |  |  | |  |  | |  |  |
|  | **Approximate hours of teaching** | **3** | **6** | **9** | | **12** | | **15** | | | **18** | **21** | | **24** | **27** | | **30** | **33** |

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| **Key** | **Measurement and Geometry Strand** |