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