# Mathematics Curriculum Area Plan

## Statistics and Probability Strand

### Sample Program – Years 7 to 10

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Approximate hours of teaching** | **3** | **6** | **9** | **12** | **15** | **18** |
| **Year 7** | **Semester 1** | **Surveys and displaying data 7.1.1** | | **Probability and proportion - 7.1.7** | | |  |
| Sub-strand: Data representation and interpretation | | Sub-strand: Chance | | |  |
| **Semester 2** | **Statistical data - 7.2.3** | | |  |  |  |
| Sub-strand: Data representation and interpretation | | |  |  |  |
| **Year 8** | **Semester 1** | **Collecting and displaying data - 8.1.5** | | |  |  |  |
| Sub-strand: Data representation and interpretation | | |  |  |  |
| **Semester 2** | **Probability and simulation - 8.2.6** | | |  |  |  |
| Sub-strand: Chance | | |  |  |  |
| **Year 9** | **Semester 1** | **Probability - 9.1.6** | | |  |  |  |
| Sub-strand: Chance | | |  |  |  |
| **Semester 2** | **Statistics - 9.2.5** | | |  |  |  |
| Sub-strand: Data representation and interpretation | | |  |  |  |
| **Year 10** | **Semester 1** | **Statistics Univariate - 10.1.3** | | |  |  |  |
| Sub-strand: Data representation and interpretation | | |  |  |  |
| **Semester 2** | **Probability - 10.2.4** | | | **Statistics Bivariate - 10.2.5** | |  |
| Sub-strand: Chance | | | Sub-strand: Data representation and interpretation | |  |
|  | **Approximate hours of teaching** | **3** | **6** | **9** | **12** | **15** | **18** |

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| **Key** | **Statistics and Probability sub-strand** |  | **Topic, level, semester and sequence** |