



DUKE'S SECONDARY SCHOOL
FACULTY OF STATISTICS

LONG TERM CURRICULUM PLAN

2021-22

YEAR 10		
HT1	HT3	HT5
Planning an Investigation Types of Data Sampling	Representing Data in Diagrams and Charts including Histograms, Pie Charts, Cumulative Frequency Curves, Choropleth Maps and Population Pyramids	Scatter Graphs and Measures of Correlation including Spearman's Rank Correlation Coefficient.
HT2	HT4	HT6
Estimating Collecting Data Representing Data in Diagrams and Charts including Pictograms, Bar Charts, Tables, Stem and Leaf Diagrams	Measures of Central Tendency including Mean, Median and Mode. Measures of Dispersion including Range and Standard Deviation	Time Series Graphs and Mean Seasonal Variation.

YEAR 11		
HT1	HT3	HT5
Probability	Quality Assurance and Control Charts	Revision
HT2	HT4	HT6
Index Numbers with RPI and CPI Probability Distributions including the Binomial and Normal Distributions. Standardised Scores and Comparing Distributions	Revision	