Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 16 Presentation of Data		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway **Emerging**	Construct and interpret pictograms Construct and interpret tally charts Construct and interpret simple bar charts	Interpret pie charts Construct a pie chart by measuring angles Interpret line graphs Construct line graphs	Interpret and construct frequency tables Construct and interpret bar charts and know their appropriate use Construct and interpret comparative bar charts Construct and interpret vertical line charts Choose appropriate graphs or charts to represent data
Key Objectives / Learning Pathway **Developing**	Interpret pie charts Construct a pie chart by measuring angles Interpret line graphs Construct line graphs	Interpret and construct frequency tables Construct and interpret bar charts and know their appropriate use Construct and interpret comparative bar charts Construct and interpret vertical line charts Choose appropriate graphs or charts to represent data	Construct and interpret pie charts and know their appropriate use Construct and interpret and grouped frequency table for continuous data
Key Objectives / Learning Pathway **Securing**	Interpret and construct frequency tables Construct and interpret bar charts and know their appropriate use Construct and interpret comparative bar charts Construct and interpret vertical line charts Choose appropriate graphs or charts to represent data	Construct and interpret pie charts and know their appropriate use Construct and interpret and grouped frequency table for continuous data	Construct and interpret histograms for grouped data with equal class intervals Plot a scatter diagram of bivariate data Interpret scatter diagrams using understanding of correlation Construct and interpret compound bar charts
Key Objectives / Learning Pathway **Excelling**	Construct and interpret pie charts and know their appropriate use Construct and interpret and grouped frequency table for continuous data	Construct and interpret histograms for grouped data with equal class intervals Plot a scatter diagram of bivariate data Interpret scatter diagrams using understanding of correlation Construct and interpret compound bar charts	Construct graphs of time series Interpret graphs of time series Interpret a scatter diagram using understanding of correlation Construct a line of best fit on a scatter diagram and use the line of best fit to estimate values Understand that correlation does not indicate causation