

Saffron Walden County High School Curriculum

CURRICULUM SUMMARY



SAFFRON WALDEN
COUNTY HIGH SCHOOL

Year 12		AUTUMN TERM		SPRING TERM		SUMMER TERM	
		TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B
Core Maths	KNOWLEDGE DOMAIN	Financial Maths	Currency and Data	Probability and Graphs	Normal Distribution, Spreadsheets and Exponential Law	Fermi Estimates, Medicine and Law	Measure and Scale, Logs
	SKILLS DEVELOPED THROUGH THE KNOWLEDGE AND ENQUIRIES TAUGHT THIS HALF TERM	<ul style="list-style-type: none"> • Use of spreadsheets • Percentage increase and decrease • Calculate with reference to inflation • Student Loans • Budgets • APR and AER • Index linked calculations and interpretations • Use words such as income, expenditure, budget, profit, loss, investment., tax, revenue, inflation, Apr and AER 	<ul style="list-style-type: none"> • Real life problem solving. • Interpret exchange rates • Understand 'we buy' and 'buy rate', 'we sell' and 'sell rate'. • Use a suitable method for collecting data. • Key terms: Primary, secondary, categorical, numerical, continuous, discrete. • Understand the meaning of population and sample. 	<ul style="list-style-type: none"> • Calculate probability or likelihood of an event • Prepare a business plan using estimation and budget skills • Look at box and whisker, dot plots, scatters, bar charts, frequency charts and CF diagrams • Calculate and estimate numbers • Begin to recognise different distributions. • Look at real life graphs in context • Calculate range and IQR • Understand a 100% increased risk does not mean a risk is now certain. 	<ul style="list-style-type: none"> • Look at box and whisker, dot plots, scatters, bar charts, frequency charts and CF diagrams. • Introduce normal distributions and St.Dev. • Introduce normal distributions and St.Dev • Understand that if the distribution is symmetrical the mean is central • Use real life data to explore statistical representations • Begin to recognise different distributions. 	<ul style="list-style-type: none"> • Look at real life graphs in context • Calculate range and IQR • Use Sig figs including on spreadsheets and with calculator. • Recognise graphs of inverse and direct proportion. • Calculate and estimate numbers • Understand how data is collected and used. • Focus on presentation and use of assumption in Fermi Estimates.. 	<ul style="list-style-type: none"> • Spreadsheets revisited for budgeting and business plans • Interpret maps, diagrams and scale drawings • Shape, measure and ratio • Logs and log scales • <i>Revision for mocks and work experience falls in this block.</i> • <i>Focus on revision of skills for mocks and consolidating through project work and mini tasks</i>