Curriculum (Statistics) Overview

Believe, Succeed, Together

2018

In KS3 students are set for ability according to their Mathematics results. Sets 3 and 4 study a foundation scheme of work, whilst sets 1 and 2 study a similar program that extends their understanding and skills to a higher level.

Year 7 Statistics Foundation

Term	Lesson	Lesson Objective/Skill	Resources	
			10 Ticks LV.PK.PG	Edexcel Statistics pgs.
AU1	1	Tally and frequency charts for simple numbers, worded data	L3P6 40	30, 35
AU1	2	Grouped tally charts discrete and continuous	3.6.40	32, 79
AU1	3	Draw and interpret bar charts vertical line graphs	3.6.43	48-50
AU1	4	Draw and interpret pictograms	3.6.41	46
AU1	5	Two way tables	6.6.5	36
AU1	6	Composite/multiple bar charts	5.6.7	59-62
AU1	7	Draw and interpret simple pie charts	5.6.13	55, 83-85
AU1	8	Draw and interpret pie charts (any frequency)	6.6.11	55, 83-85
		HALF TERM		
AU2	1	Database and timetable interpretation	4.3.25	40-45
AU2	2	Stem and leaf diagrams	6.6.3	53, 83-85
AU2	3	Calculating median mode and range	5.6.3	117-127
AU2	4	Using stem and leaf diagrams to find median, mode and range	6.6.3	53, 83-85
AU2	5	Calculating the mean	5.6.5	117-130
AU2	6	Data collection sheets and questionnaires	3.6.40, 6.6.19	16-18, 22
AU2	7	End of term test		
AU2	8	Test review		

SP1	1	Class project on height. Collect class data, make a stem and leaf diagram. Find averages + range. Make a group tally chart. Draw a pie chart and/or bar chart		
SP1	2	Probability language and lines	4.6.27	241-245
SP1	3	probability single event and adds to 1	5.1.39	246-249
SP1	4	Experimental probability	5.1.43	250-255
SP1	5	Sample space diagrams	6.6.38	256-259
		HALF TERM		
SP2	1	Review of averages and range	4.6.23-26	159
SP2	2	Find the mode median and range from a frequency table	5.6.4	120-124
SP2	3	Calculating the mean from a frequency table	5.6.4	120-124
SP2	4	Term revision		
SP2	5	Term test		
SP2	6	Test review		

SU1	1	Scatter diagrams	7/8.1.31	170-172
SU1	2	Correlation and lines of best fit	6.5.5	173-178
SU1	3	Lines of best fit, interpolation and extrapolation	7/8.1.33	179-186
SU1	4	Review of averages from tables and use to draw bar charts	5.6.4	120-124
SU1	5	Median and modal class from a grouped table	7 to 8. 6. 33	125-128
SU1	6	Mean from a group table	7 to 8. 6. 33	125-129
		HALF TERM		
SU2	1	Review discrete graphs(bar charts, pie charts, pictograms)	AS ABOVE	OR USE CAZOOM
SU2	2	Review two way tables, multiple and composite bar charts	AS ABOVE	OR USE CAZOOM
SU2	3	Review stem and leaf and finding averages from a data list	AS ABOVE	OR USE CAZOOM
SU2	4	Review averages from frequency tables and grouped frequency tables	AS ABOVE	OR USE CAZOOM
SU2	5	Review scatter graphs, correlation and using line of best fit	AS ABOVE	OR USE CAZOOM
SU2	6	EOY test		
SU2	7	Test review		

YEAR 7 Statistics Higher

Term	Lesson	Lesson Objective/Skill	Resources	
			10 Ticks LV.PK.PG	Edexcel Statistics pgs.
AU1	1	Tally + frequency charts for single, worded, and grouped data	L3P6 40	30, 35, 32, 79
AU1	2	Draw and interpret bar charts vertical line graphs	3.6.43	48-50
AU1	3	Draw and interpret pictograms	3.6.41	46
AU1	4	Two way tables	6.6.5	36
AU1	5	Composite/multiple bar charts	5.6.7	59-62
AU1	6	Draw and interpret simple pie charts	5.6.13	55, 83-85
AU1	7	Draw and interpret pie charts (any frequency)	6.6.11	55, 83-85
AU1	8	Database and timetable interpretation	4.3.25	40-45
		HALF TERM		
AU2	1	Stem and leaf diagrams	6.6.3	53, 83-85
AU2	2	Using stem and leaf diagrams to find median, mode and range	6.6.3	53, 83-85
AU2	3	Choosing a measure and using the mean and comparing distributions	5.6.6, 5.6.3c, 5.6.5	130-131
AU2	4	Finding the mean, mode median and range from a frequency table	5.6.4	120-124
AU2	5	Data collection sheets and questionnaires	3.6.40, 6.6.19	16-18, 22
AU2	6	Term revision		
AU2	7	End of term test		
AU2	8	Test review		

SP1	1	Class project on height. Collect class data, make a stem and leaf diagram. Find averages + range. Make a group tally chart. Draw a pie chart and/or bar chart		
SP1	2	Probability language, lines and single events	4.6.27, 5.1.39	241-249
SP1	3	Experimental probability	5.1.43	250-255
SP1	4	Sample space diagrams	6.6.38	256-259
SP1	5	No replacement tree diagrams and multiplication law	7/8.1.15	260-265
		HALF TERM		
SP2	1	Finding the mean, mode median and range from a frequency table	5.6.4	120-124
SP2	2	Calculating averages from a grouped frequency table	7 to 8. 6. 33	120-124
SP2		Drawing equal width histograms and frequency polygons	7 to 8. 6. 35	89-93
SP2	4	Term revision		
SP2	5	Term test		
SP2	6	Test review		

SU1	1	Scatter diagrams, lines of best fit and correlation	170-178	6.5.5, 7/8.1.31
SU1	2	Lines of best fit, interpolation and extrapolation	179-186	7/8.1.33
SU1	3	Venn diagram notation and completion	9/10.6.53	275-282
SU1	4	Venn diagrams and probability	9/10.6.54	275-283
SU1	2	Line graphs (diff to scatter)	4.6.21	209-211
SU1	3	Plotting time series graphs and trend lines	7/8.6.37	212-218
		HALF TERM		
SU2	1	Review discrete graphs(comparative bar charts, pie charts)	AS ABOVE	OR USE CAZOOM
SU2	2	Review averages from stem and leaf, frequency tables and grouped frequency tables	AS ABOVE	OR USE CAZOOM
SU2	3	Review probability in 2 way tables and tree diagrams	AS ABOVE	OR USE CAZOOM
SU2	4	Review histograms, frequency polygons, comparing distributions	AS ABOVE	OR USE CAZOOM
SU2	5	Review scatter graphs, correlation and using line of best fit, time series and trend lines	AS ABOVE	OR USE CAZOOM
SU2	6	EOY test		
SU2	7	Test review		

YEAR 8 Statistics Foundation

Term	Lesson	Lesson Objective/Skill	Resources	
			10 Ticks LV.PK.PG	**Edexcel Statistics pgs.**
AU1	1	Tally + frequency charts for single, worded, and grouped data	L3P6 40	30, 35, 32, 79
AU1	2	Draw and interpret bar charts vertical line graphs	3.6.43	48-50
AU1	3	Draw and interpret pictograms	3.6.41	46
AU1	4	Two way tables	6.6.5	36
AU1	5	Composite/multiple bar charts	5.6.7	59-62
AU1	6	Draw and interpret simple pie charts	5.6.13	55, 83-85
AU1	7	Draw and interpret pie charts (any frequency)	6.6.11	55, 83-85
AU1	8	Database and timetable interpretation	4.3.25	40-45
		HALF TERM		
AU2	1	Stem and leaf diagrams	6.6.3	53, 83-85
AU2	2	Using stem and leaf diagrams to find median, mode and range	6.6.3	53, 83-85
AU2	3	Choosing a measure and using the mean and comparing distributions	5.6.6, 5.6.3c, 5.6.5	130-131
AU2	4	Finding the mean, mode median and range from a frequency table	5.6.4	120-124
AU2	5	Data collection sheets and questionnaires	3.6.40, 6.6.19	16-18, 22
AU2	6	Term revision		
AU2	7	End of term test		
AU2	8	Test review		

SP1	1	Class project on height. Collect class data, make a stem and leaf diagram. Find averages + range. Make a group tally chart. Draw a pie chart and/or bar chart		
SP1	2	Probability language, lines and single events	4.6.27, 5.1.39	241-249
SP1	3	Experimental probability	5.1.43	250-255
SP1	4	Sample space diagrams	6.6.38	256-259
SP1	5	No replacement tree diagrams and multiplication law	7/8.1.15	260-265
		HALF TERM		
SP2	1	Finding the mean, mode median and range from a frequency table	5.6.4	120-124
SP2	2	Calculating averages from a grouped frequency table	7 to 8. 6. 33	120-124
SP2		Drawing equal width histograms and frequency polygons	7 to 8. 6. 35	89-93
SP2	4	Term revision		
SP2	5	Term test		
SP2	6	Test review		

SU1	1	Scatter diagrams, lines of best fit and correlation	170-178	6.5.5, 7/8.1.31
SU1	2	Lines of best fit, interpolation and extrapolation	179-186	7/8.1.33
SU1	3	Venn diagram notation and completion	9/10.6.53	275-282
SU1	4	Venn diagrams and probability	9/10.6.54	275-283
SU1	2	Line graphs (diff to scatter)	4.6.21	209-211
SU1	3	Plotting time series graphs and trend lines	7/8.6.37	212-218
		HALF TERM		
SU2	1	Review discrete graphs(comparative bar charts, pie charts)	AS ABOVE	OR USE CAZOOM
SU2	2	Review averages from stem and leaf, frequency tables and grouped frequency tables	AS ABOVE	OR USE CAZOOM
SU2	3	Review probability in 2 way tables and tree diagrams	AS ABOVE	OR USE CAZOOM
SU2	4	Review histograms, frequency polygons, comparing distributions	AS ABOVE	OR USE CAZOOM
SU2	5	Review scatter graphs, correlation and using line of best fit, time series and trend lines	AS ABOVE	OR USE CAZOOM
SU2	6	EOY test		
SU2	7	Test review		

YEAR 8 Statistics Higher

Term	Lesson	Lesson Objective/Skill	Resources	
			10 Ticks LV.PK.PG	Edexcel Statistics pgs.
AU1	1	Two way tables and composite/multiple bar chart	5.6.7, 6.6.5	36, 59-62
AU1	2	Draw and interpret pie charts (any frequency)	5.6.13, 6.6.11	55, 83-85
AU1	3	Use stem and leaf diagrams to find median, mode and range	6.6.3	53, 83-85
AU1	4	Use stem and leaf to find IQR	6.6.3	53, 83-85
AU1	5	Cumulative frequency tables and graphs	7/8.6.41	30, 86-89
AU1	6	Use cum frequency graphs to find IQR	7/8.6.41	135-139
AU1	7	Comparing distributions	5.6.5	150-151
AU1	8	Class project on heart rate. Frequency tables for before and after. Cumulative frequency graphs. Compare mean mode median, range and IQR		
		HALF TERM		
AU2	1	Drawing box plots	7/8.6.39	142-143
AU2	2	Drawing and interpreting box plots	7/8.6.39	142-144
AU2	3	Experimental probability and expected/relative frequency	5.1.43	250-255
AU2	4	Tree diagrams and multiplication law (replacement and non-replacement)	7/8.1.15	260-265
AU2	5	Venn diagrams and probability	9/10.6.53-55	275-283
AU2	6	End of term test		
AU2	7	Test review		

SP1	1	Class project: students with dark hair are better at maths. Make a stem and leaf for dark and 1 for not dark. Find averages, range, IQR. Draw comparative boxplots. Make comparisons		
SP1	1	Finding the mean, mode median and range from a frequency table	5.6.4	120-124
SP1	2	Calculating averages from a grouped frequency table	7 to 8. 6. 33	120-124
SP1		Drawing equal width histograms and frequency polygons	7 to 8. 6. 35	89-93
SP1	6	Drawing unequal width histograms	9/10.3.35	94-98
		HALF TERM		
SP2	1	Scatter diagrams, lines of best fit and correlation	170-178	6.5.5, 7/8.1.31
SP2	2	Lines of best fit, interpolation and extrapolation	179-186	7/8.1.33
SP2	3	Plotting time series graphs and trend lines	7/8.6.37	212-218
SP2	4	Term test		
SP2	5	Test review		

SU1		Review of cumulative frequency and boxplots	AS ABOVE	OR USE CAZOOM
SU1		Use Pixl booklets F1/F4		
SU1		Simple random and stratified sampling	7/8.6.43/44	10 to 19
SU1		Review Venn diagrams and notation	AS ABOVE	OR USE CAZOOM
SU1		Types of data and capture/recapture method	6.6.15	4 to 7, 19-23
SU1		Use Pixl booklets f5/6		
		HALF TERM		
SU2	1	Review discrete graphs(comparative bar charts, pie charts)	AS ABOVE	OR USE CAZOOM
SU2	2	Review averages from stem and leaf, frequency tables and grouped frequency tables	AS ABOVE	OR USE CAZOOM
SU2	3	Review probability in 2 way tables and tree diagrams	AS ABOVE	OR USE CAZOOM
SU2	4	Review histograms, frequency polygons, comparing distributions	AS ABOVE	OR USE CAZOOM
SU2	5	Review scatter graphs, correlation and using line of best fit, time series and trend lines	AS ABOVE	OR USE CAZOOM
SU2	6	EOY test		
SU2	7	Test review		

KS4 Statistics is all taught to the higher level, with the view to enter all students into the higher GCSE. Both the foundation syllabus and the higher syllabus will be covered during the 3 year GCSE course. A mock coursework is completed twice throughout the course in order to prepare students for coursework style questions which will now appear during their final exams.

YEAR 9 Statistics

Term	Lesson	Lesson Objective/Skill	Starter	Resources	
				10 Ticks LV.PK.PG	**Edexcel Statistics pgs.**
AU1	1	Statistics Introduction: Making hypotheses and demonstrating how to prove them	Admin books etc.	Statistics Introduction PowerPoint	1, 2, 3
AU1	2	Tally and frequency charts and uneven groups	AU1 S1	L3P6 40	30, 35
AU1	3	Grouped tally charts discrete and continuous	AU1 MT1	3.6.40	32, 79
AU1	4	Two way tables	AU1 S2	6.6.5	36
AU1	5	Draw and interpret pictograms	AU1 MT2	3.6.41	46
AU1	6	Draw and interpret bar charts vertical line graphs	AU1 S3	3.6.43	48-50
AU1	7	Draw and interpret simple pie charts	AU1 MT3	5.6.13	55, 83-85
AU1	8	Draw and interpret pie charts (any frequency)	AU1 S4	6.6.11	55, 83-85
AU1	9	Stem and leaf diagrams	AU1 MT4	6.6.3	53, 83-85
AU1	10	Calculating median mode and range	AU1 S5	5.6.3	117-127
AU1	11	Calculating the mean	AU1 MT5	5.6.5	117-130
AU1	12	Composite/multiple bar charts	AU1 S6	5.6.7	59-62
AU1	13	Revision of terms work	AU1 MT6		
AU1	14	End of term test			
AU1	15	Test review	DRAFT		
		HALF TERM			
AU2	1	Cumulative frequency tables and graphs	AU2 S1	7/8.6.41	30, 86-89

AU2	2	Using cumulative frequency graphs to find IQR	AU2 MT1	7/8.6.41	135-139
AU2	3	Finding median and IQR without graphs	AU2 S2	7/8.6.39	135-139
AU2	4	Cumulative frequency step polygons	AU2 MT2		59
AU2	5	Drawing box plots	AU2 S3	7/8.6.39	142-143
AU2	6	Drawing and interpreting box plots	AU2 MT3	7/8.6.39	142-144
AU2	7	Calculating outliers	AU2 S4		142-144
AU2	8	Simple variance + standard deviation	AU2 MT4	9/10.3.27	145-150
AU2	9	Standard deviation with frequency or grouped tables	AU2 S5	9/10.3.28	145-150
AU2	10	Using excel for data tables	AU2 MT5		CHAP 9
AU2	11	Database and timetable interpretation	AU2 S6		40-45
AU2	12	Term revision	AU2 MT6		
AU2	13	End of term test			
AU2	14	Test review	DRAFT		

SP1	1	Foundation project on shoe size	SP1 S1		
SP1	2	Population pyramids	SP1 MT1		101
SP1	3	Choropleth maps	SP1 S2		102
SP1	4	Random data selection in excel	SP1 MT2		CHAP 9
SP1	5	Equal width histograms and frequency polys	SP1 S3	6.6.9 and 7/8.6.35	89
SP1	6	Drawing unequal width histograms	SP1 MT3	9/10.3.35	94-98
SP1	7	Comparing unequal histograms	SP1 S4	9/10.3.35	94-98
SP1	8	Two way tables in excel	SP1 MT4		CHAP 9
SP1	9	Foundation project on height	SP1 S5		
SP1	10	Revision	SP1 MT5		
SP1	11	Term test			
SP1	12	Term test review	DRAFT		
		HALF TERM			
SP2	1	Higher project on shoe size	SP2 S1		
SP2	2	Averages from tables	SP2 MT1	7 to 8. 6. 33	
SP2	3	Using stem and leaf to find IQR	SP2 S2	6.6.3	53, 83-85
SP2	4	Using cumulative frequency graphs to find IQR	SP2 MT2	7 to 8. 6. 41	
SP2	5	Drawing boxplots and interpretation	SP2 S3	7 to 8. 6. 39	
SP2	6	Calculating outliers with stem and leaf and drawing boxplots	SP2 MT3		
SP2	7	Calculating outliers from cumulative frequency graphs and drawing boxplots highlighting boundaries and outliers	SP2 S4		
SP2	8	Revision	SP2 MT4		
SP2	9	Term test			
SP2	10	Test review	DRAFT		

SU1	1	Higher project on height	SU1 S1		
SU1	2	Calculating the mean in excel	SU1 MT1		CHAP 9
SU1	3	Standard deviation with a data list	SU1 S2	9/10.3.29	
SU1	4	Standard deviation with frequency tables	SU1 MT2	9/10.3.32	
SU1	5	Calculating standard deviation in excel	SU1 S3		CHAP 9
SU1	6	Mini coursework on height: cumulative frequency and box plots	SU1 MT3		
SU1	7	Mini coursework on height: cumulative frequency and box plots	SU1 S4		
SU1	8	Mini coursework on height: histograms and frequency polygons	SU1 MT4		
SU1	9	Mini coursework on height: histograms and frequency polygons	SU1 S5		
SU1	10	Revision	SU1 MT5		
SU1	11	Term test			
SU1	12	Term test review	DRAFT		
		HALF TERM			
SU2	1	Plan	SU2 S1	MOCK	COURSEWORK
SU2	2	Plan	SU2 S2	MOCK	COURSEWORK
SU2	3	Plan	SU2 S3	MOCK	COURSEWORK
SU2	4	Sampling	SU2 S4	MOCK	COURSEWORK
SU2	5	Sampling		MOCK	COURSEWORK
SU2	6	Graphing	SU2 S5	MOCK	COURSEWORK
SU2	7	Graphing		MOCK	COURSEWORK
SU2	8	Graphing		MOCK	COURSEWORK
SU2	9	Calculations		MOCK	COURSEWORK
SU2	10	Calculations		MOCK	COURSEWORK
SU2	11	Conclusion	SU2 S6	MOCK	COURSEWORK
SU2	12	Conclusion		MOCK	COURSEWORK
SU2	13	END OF YEAR TEST			
SU2	14	END OF YEAR TEST			
SU2	15	End of year test review	DRAFT		

YEAR 10 Statistics

Term	Lesson	Lesson Objective/Skill	Starter	Resources Edexcel Statistics pgs.	10 Ticks LV.PK.PG
AU1	1	Probability language and lines	Admin books etc.	241-245	4.6.27
AU1	2	Probability single event	AU1 S1	246-249	5.1.39
AU1	3	Mutually exclusive and exhaustive events	AU1 MT1	266-270	5.1.41
AU1	4	Experimental probability	AU1 S2	250-255	5.1.43
AU1	5	Sample space diagrams	AU1 MT2	256-259	6.6.38
AU1	6	No replacement tree diagrams and multiplication law	AU1 S3	260-265	7/8.1.15
AU1	7	Conditional probability and tree diagrams	AU1 MT3	271,272,275-279	7/8.1.16
AU1	8	Venn diagrams	AU1 S4	275-282	9/10.6.53
AU1	9	Triple Venn diagrams	AU1 MT4	275-282	9/10.6.53
AU1	10	Venn diagrams and conditional probability	AU1 S5	275-282	9/10.6.53
AU1	11	Index numbers	AU1 MT5	154-158	
AU1	12	Chain index numbers	AU1 S6	154-158	
AU1	13	Revision	AU1 MT6		
AU1	14	End of term test			
AU1	15	Test review	DRAFT		
		HALF TERM			
AU2	1	Scatter diagrams	AU2 S1	170-172	7/8.1.31
AU2	2	Correlation and casual relationships	AU2 MT1	173-178	6.5.5
AU2	3	Lines of best fit, interpolation and extrapolation	AU2 S2	179-186	7/8.1.33
AU2	4	Equations of a best fit line	AU2 MT2	187-191	7/8.1.31-34
AU2	5	Equations of a best fit line ext. non-linear models	AU2 S3	187-194	7/8.1.31-34
AU2	6	Spearman's rank calculation	AU2 MT3	195-198	
AU2	7	Spearman's rank calculation and interpretation	AU2 S4	195-202	
AU2	8	Scatter and spearman's link	AU2 MT4		
AU2	9	Averages and standard deviation review	AU2 S5		9/10.3.27

AU2	10	Standardised scores	AU2 MT5	151-153	
AU2	11	Review of stratified sampling, relative frequency	AU2 S6	10, 19	
AU2	12	Term revision	AU2 MT6		
AU2	13	End of term test			
AU2	14	Test review	DRAFT		

SP1	1	Line graphs (diff to scatter)	SP1 S1	209-211	4.6.21
SP1	2	Plotting time series graphs	SP1 MT1	212-218	7/8.6.37
SP1	3	Drawing trend lines	SP1 S2	212-218	
SP1	4	Moving average tables and calculations	SP1 MT2	219-225	7/8.6.38
SP1	5	Plotting moving averages on time series	SP1 S3	219-225	
SP1	6	Calculating seasonal variation	SP1 MT3	225-227	
SP1	7	Seasonal variation to make predictions	SP1 S4	225-227	
SP1	8	Finding the equation of a straight line	SP1 MT4	231-235	7/8.1.23
SP1	9	Finding the equation of a trend line	SP1 S5	231-235	7/8.1.24
SP1	10	Revision	SP1 MT5		
SP1	11	Term test			
SP1	12	Term test review	DRAFT		
		HALF TERM			
SP2	1	Probability review	SP2 S1	285-288	
SP2	2	Multiplication law for non-independent events	SP2 MT1	283-285	
SP2	3	Addition law for non-mutually exclusive	SP2 S2	273-275	
SP2	4	Probability distributions	SP2 MT2	294-295	
SP2	5	Discrete uniform distributions	SP2 S3	295-297	
SP2	6	Scatter graphs correlation and spearman's	SP2 MT3		7/8.1.31
SP2	7	Cumulative frequency graphs and calculations including outliers	SP2 S4		
SP2	8	Revision	SP2 MT4		
SP2	9	Term test			
SP2	10	Test review	DRAFT		

SU1	1	Higher project on height	SU1 S1		
SU1	2	Calculating the mean in excel	SU1 MT1	CHAP 9	
SU1	3	Standard deviation with a data list	SU1 S2		9/10.3.29
SU1	4	Standard deviation with frequency tables	SU1 MT2		9/10.3.32
SU1	5	Calculating standard deviation in excel	SU1 S3	CHAP 9	
SU1	6	Mini coursework on height: cumulative frequency and box plots	SU1 MT3		
SU1	7	Mini coursework on height: cumulative frequency and box plots	SU1 S4		
SU1	8	Mini coursework on height: histograms and frequency polygons	SU1 MT4		
SU1	9	Mini coursework on height: histograms and frequency polygons	SU1 S5		
SU1	10	Revision	SU1 MT5		
SU1	11	Term test			
SU1	12	Term test review	DRAFT		
		HALF TERM			
SU2	1	Plan	SU2 S1	MOCK	COURSEWORK
SU2	2	Plan	SU2 S2	MOCK	COURSEWORK
SU2	3	Plan	SU2 S3	MOCK	COURSEWORK
SU2	4	Sampling	SU2 S4	MOCK	COURSEWORK
SU2	5	Sampling		MOCK	COURSEWORK
SU2	6	Graphing	SU2 S5	MOCK	COURSEWORK
SU2	7	Graphing		MOCK	COURSEWORK
SU2	8	Graphing		MOCK	COURSEWORK
SU2	9	Calculations		MOCK	COURSEWORK
SU2	10	Calculations		MOCK	COURSEWORK
SU2	11	Conclusion	SU2 S6	MOCK	COURSEWORK
SU2	12	Conclusion		MOCK	COURSEWORK
SU2	13	END OF YEAR TEST			
SU2	14	END OF YEAR TEST			
SU2	15	End of year test review	DRAFT		

YEAR 11 Statistics

Term	Lesson	Lesson Objective/Skill	Starter	10 Ticks LV.PK.PG	Edexcel Statistics pgs.
AU1	1	Coursework review			
AU1	2	Graphing finalisation			
AU1	3	Graphing finalisation			
AU1	4	Coursework conclusion			
AU1	5	Coursework conclusion			
AU1	6	Coursework conclusion			
AU1	7	Coursework conclusion			
AU1	8	Cumulative frequency and IQR	AU1S6	7/8.6.31	
AU1	9	Cumulative frequency step polygons	AU1MT6		
AU1	10	Cumulative frequency with inter-decile and inter-percentile range	AU2S6		
AU1	11	Stratified sampling, experimental probability and relative frequency	AU2MT6		
AU1	12	Tree diagrams (replacement and non-replacement	SP1S5	9/10.2.31	
AU1	13	Venn diagrams (double, triple AND notation)	SP1MT5	9/10.6.53-67	
AU1	14	End of term test			
AU1	15	Test review			
		HALF TERM			
AU2	1	Probability and discrete distribution review	SP2S4		294-297
AU2	2	Multiplying brackets and binomial expansion	SP2MT4		
AU2	3	Binomial distributions	SU1S5		297-301
AU2	4	Review of standard deviation	SU1MT5		
AU2	5	Standard deviation and normal distribution		9/10.3.33	303-310
AU2	6	Calculating outliers using standard deviation		9/10.3.27	303-310
AU2	7	Quality assurance meaning, terms and uses			310-315

AU2	8	Calculating warning and action limits and results (means and medians)			310-315
AU2	9	Drawing quality assurance graphs			310-315
AU2	10	Plotting range quality assurance graphs and actions			313, 315-316
AU2	11	Chapter 8 review			316-318
AU2	12	Term revision			
AU2	13	End of term test			
AU2	14	Test review			

SP1	1	Foundation Pixl booklet testing 1/2 as class			
SP1	2	Foundation Pixl booklets diagnosis 1/2 as a test			
SP1	3	Foundation Pixl booklets testing 3/4 as a class			
SP1	4	Foundation Pixl booklets diagnosis 3/4 as a test			
SP1	5	Foundation Pixl booklets testing 5/6 as a class			
SP1	6	Foundation Pixl booklets diagnosis 5/6 as a test			
SP1	7	Foundation Pixl booklets testing 7/8 as a class			
SP1	8	Foundation Pixl booklets diagnosis 7/8 as a test			
SP1	9	Foundation Pixl booklets testing 9/10 as a class			
SP1	10	Foundation Pixl booklets diagnosis 9/10 as a test			
SP1	11	Term test			
SP1	12	Term test review			
		HALF TERM			
SP2	1	Higher Pixl booklets testing 1/2 as class			
SP2	2	Higher Pixl booklets diagnosis 1/2 as a test			
SP2	3	Higher Pixl booklets testing 3/4 as class			
SP2	4	Higher Pixl booklets diagnosis 3/4 as a test			
SP2	5	Higher Pixl booklets testing 5/6 as class			
SP2	6	Higher Pixl booklets diagnosis 5/6 as a test			
SP2	7	Higher Pixl booklets testing 7 as class, diagnosis 7 as a test			
SP2	8	March mock A			
SP2	9	March mock part B			
SP2	10	DRAFT			

SU1	1	Higher Pixl booklets testing 8 as class			
SU1	2	Higher Pixl booklet diagnosis 8 as a test			
SU1	3	Higher Pixl booklets testing 9 as class			
SU1	4	Higher Pixl booklet diagnosis 9 as a test			
SU1	5	Higher Pixl booklets testing 10 as class			
SU1	6	Higher Pixl booklet diagnosis 10 as a test			
SU1	7	TES revision pack 1 with mark scheme			
SU1	8	TES revision pack 1 with mark scheme			
SU1	9	TES revision pack 2 with mark scheme			
SU1	10	TES revision pack 2 with mark scheme			
SU1	11	TES revision pack 3 with mark scheme			
SU1	12	TES revision pack 3 with mark scheme			
		HALF TERM			
SU2	1	TES revision pack 4 with mark scheme			
SU2	2	TES revision pack 4 with mark scheme			
SU2	3	TES revision pack 5 with mark scheme			
SU2	4	TES revision pack 5 with mark scheme			
SU2	5	GCSE Exams			