



Statistics Learning Journey

FURTHER EDUCATION
AS/A Level
Mathematics
Core Maths
Statistics

Level 2 Qualifications
Functional Skills

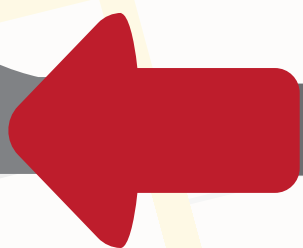
CAREERS
Accountant
Engineer
Electrician
Architect
Statistician
Business
Entrepreneur
Teacher
Software Engineer
Astronomer
Games Designer
Quantity Surveyor
CAD Technician
Meteorologist
Nurse/Doctor

KEY SKILLS
Critical thinking
Data analysis
Building relationships
Problem solving
Teamwork
Resilience
Life skills

KEY DATES
Year 9
End of year exam - Jun/Jul
Year 10
Walking talking mock - Oct/Nov
Entry exam P1 - Nov
Entry exam P2 - Feb/Mar
Walking talking mock - May
GCSE exams - May/June

Training
Employment
Further Education

FUTURE



Review & Revise

Histogram Review

Probability Review

Comparative Pie Charts

Peterson Capture/Recapture

CF Graphs & Step Polygons

Risk

Quality Control

Binomial Distribution

Index Numbers (RPI, CPI, GDP)

Standardised Scores & Birth Rates

Review & Recap Year 9

Year 11

Stem and Leaf diagrams

Time Series & Moving Averages

Stratified Sampling

Data Representation

Normal Distribution

Standard Deviation

Types of Sampling

Spearman's Rank

Population Pyramids

Geometric Mean & Weighted Mean

Graphical representation & misrepresentation

Scatter Graphs

Spearman's Rank Coefficient compared to Pearson's Product Moment (PMCC)

Choropleth Graphs

Skew

Questionnaires & Types of data

Year 10

More Types of Data

SEC - Statistical Enquiry Cycle