



Welcome to the HGSS Key Stage 5 Maths

Maths in context

Teachers: Mr B. Richards
Mrs D. Rouf



Our Maths in context results for the 1st year taught in this school has been outstanding.



Grades	2021
A	2
B	0
C	0
D	
E	
U	

We currently have more than **50** keen mathematicians studying AS/A level maths in Year 12 and 13 this year.



Maths in Context



Why choose Maths in Context?

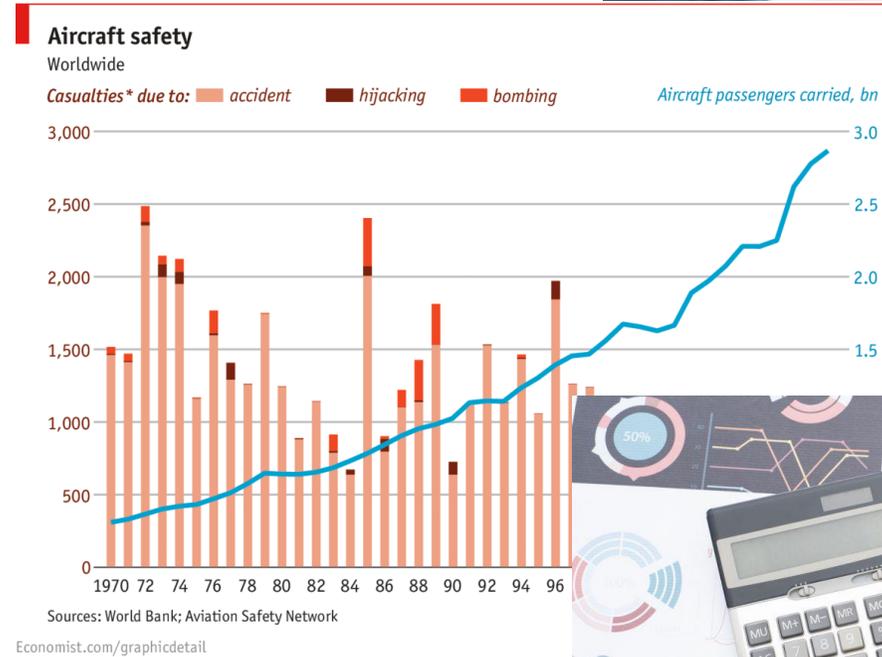
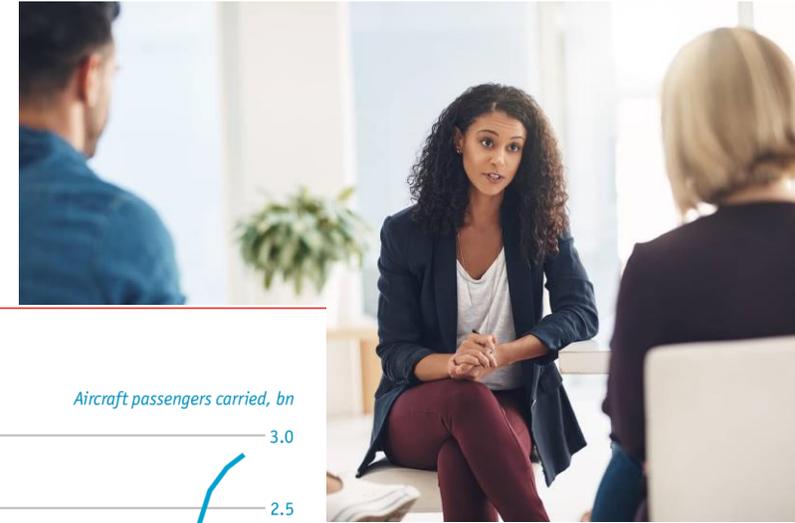
- Students keen to extend their GCSE Maths skills for a future study or work.
- Mathematics in Context will be useful to help refine and develop your maths skills.
- The course will show you how to use and apply Maths in many different situations.
- You will be awarded a Pearson Edexcel Level 3 Certificate in Mathematics in Context, similar to an AS.



Maths in Context

Leading to a career in:

- Accountancy
- Insurance
- General Management
- Local government
- Economist
- Psychologist
- Teaching





Maths in Context

This subject goes well with:

Geography

Psychology

Sociology

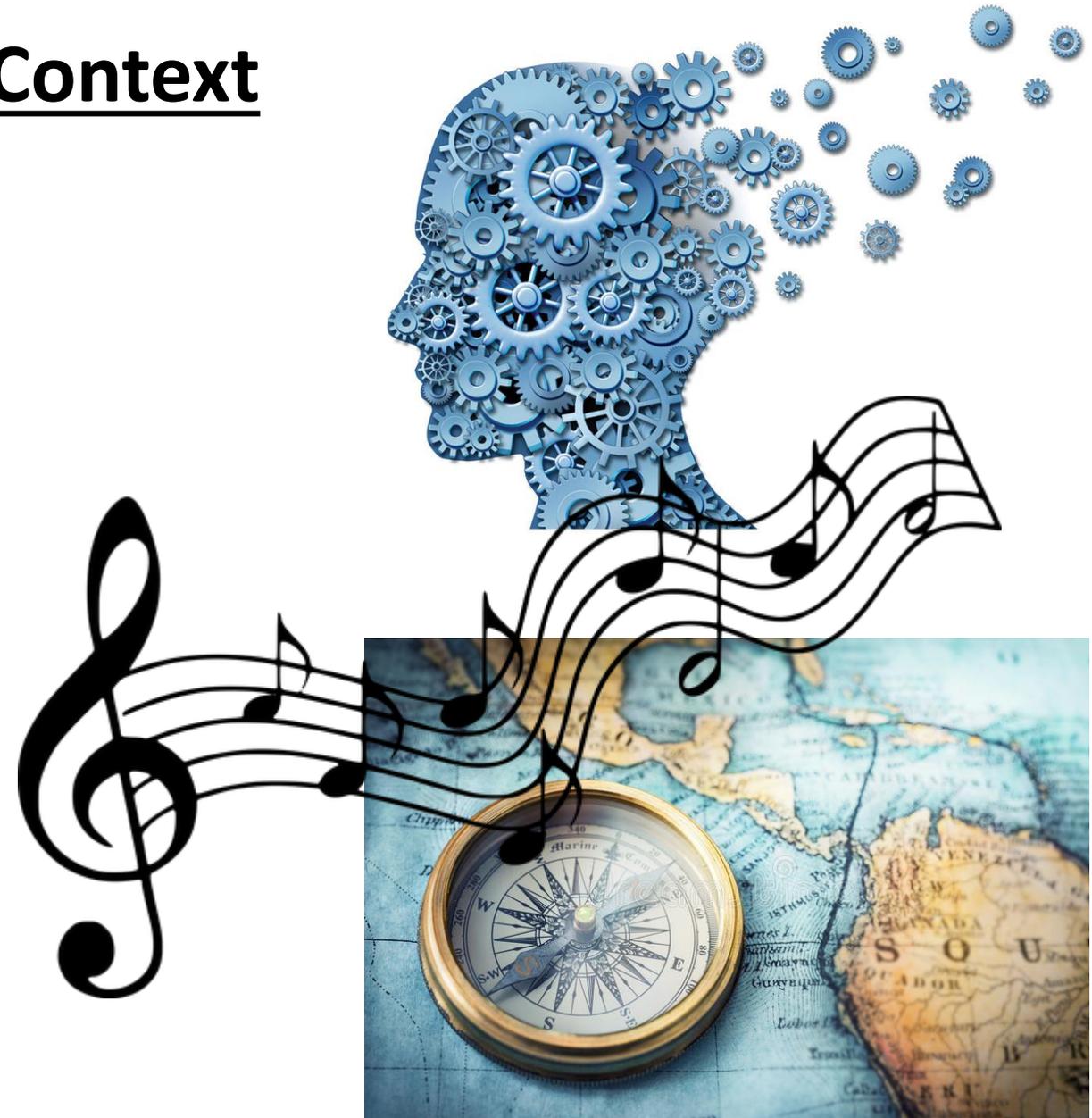
Biology

Business Studies

Arts

Music

PE





Maths in Context

Course Content:

The four content strands are: APPLICATIONS OF STATISTICS, PROBABILITY, LINEAR PROGRAMMING, SEQUENCES AND GROWTH.

Year 12

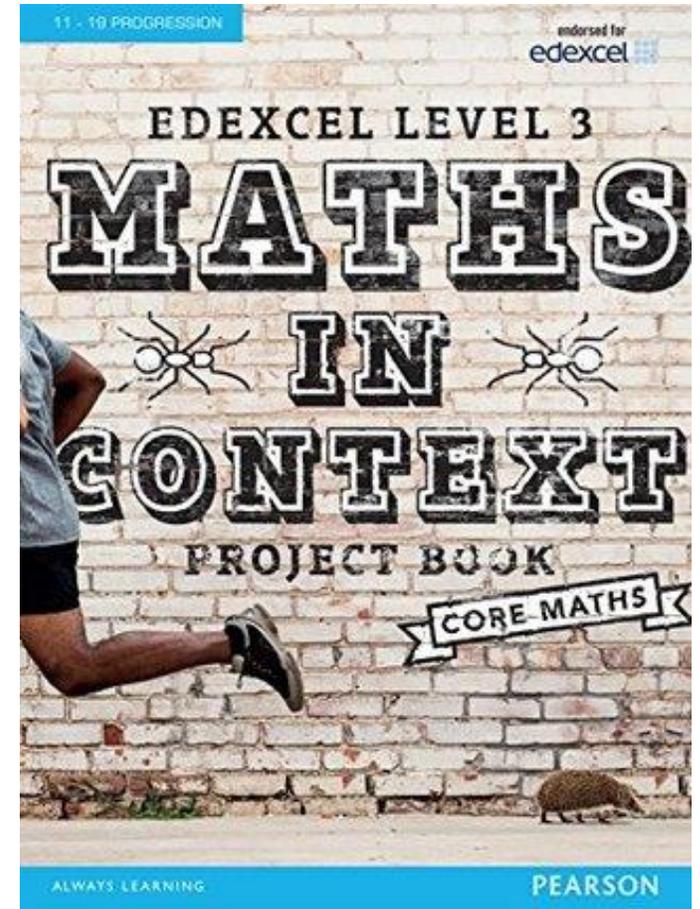
Edexcel Level 3 Maths in Context (Unit 1 to 7)

Plot graphs, Ratios, Geometric sequences, Golden ratio, Iteration, Linear Sequences, Spearman's rank, Log function, Fibonacci sequence, Sum of convergent series, Linear graph, Sum of Nth-terms, Percentages, Venn diagrams, Probability tree diagram, Standard deviation.

Year 13

Edexcel Level 3 Maths in Context (Unit 8 to 12)

Probability, Formula, Interest, Quadratic graph, Venn diagrams, Histogram, Sum of series, Scatter graph, Calculate averages, Speed Velocity, Moving averages, PMCC, Interest, Percentage, Quadratic sequences, Differentiation, Quadratic graph, Quadratic sequences, Regression line.





Examinations:

Exam Board

Pearson Edexcel AS level

Paper 1 Comprehension (40%)

Paper 2 Applications (60%)

Entry Requirements for Maths in context course:

The minimum entry requirement is GCSE Maths Level 5





Maths in context lesson example



Thank You

Contact:

Mr Ortega: ortegaj@holmer.org.uk

Mr Richards: richardsb@holmer.org.uk

Mrs Rouf: roufd@holmer.org.uk

Sixth form enquiries

Mrs Golding: goldingr@holmer.org.uk