

FOCUSING THROUGH HIGHER APPLICATIONS OF MATHS



STEM - SUCCESSFUL LEARNERS

ENCOUNTER MATHS IN THE REAL WORLD - AND EARN ANOTHER HIGHER!

This WAO will be coupled with your tutorial time to allow you to gain the full course award. This course focuses on developing the mathematical and analytical skills required in society and for the future workforce. The course develops your quantitative and mathematical literacy, problem-solving skills and reasoning skills as you apply mathematics in real-life contexts.



SKILLS FOCUS



COMMUNICATING



COLLABORATING



LEADING



CURIOSITY



CREATIVITY



CRITICAL THINKING



INITIATIVE



ADAPTING



FOCUSING



RECOGNITION OF ACHIEVEMENT

Higher Applications of Mathematics



LEARNING INTENTION, SUCCESS CRITERIA & CAREER OPPORTUNITIES

Learning Intentions

I will:

- use digital technology to carry out statistical analysis.
- develop financial literacy skills.
- develop mathematical reasoning skills in the context of planning and decision making.

Success Criteria

I can:

- create and evaluate mathematical models.
- perform statistical analysis on various data.
- calculate and interpret financial information.
- plan a project evaluating risk.

Career Opportunities

- Actuary
- Accountant
- Data Analyst
- Financial Analyst
- Statistician
- Nursing,
- Business Management
- Teaching

The Four Capacities

