

HIGHFIELDS SCHOOL

CURRICULUM OVERVIEW 2023-2024



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SUBJECT: AS LEVEL FURTHER MATHEMATICS

EXAMINATION BOARD: Edexcel

AUTUMN TERM - YEAR 12	SPRING TERM - YEAR 12	SUMMER TERM - YEAR 12
<p>Pure Core</p> <ul style="list-style-type: none">• Matrices and transformations• Complex numbers• Sequences and series• Roots of polynomials• Complex numbers and geometry <p>Mechanics</p> <ul style="list-style-type: none">• Work, Energy and Power• Impulse and Momentum <p>Decision and Discrete</p> <ul style="list-style-type: none">• Algorithms• Networks	<p>Pure Core</p> <ul style="list-style-type: none">• Matrices and their inverses• Vectors and 3D Space• Integration and volumes of revolution <p>Decision and Discrete</p> <ul style="list-style-type: none">• Critical path analysis• Linear programming	<p>Preparation for AS exams</p>
<p>ASSESSMENT Continual topic-based assessment.</p>	<p>ASSESSMENT Assessment based upon specimen papers.</p>	