

# BRACKEN RIDGE STATE HIGH SCHOOL

## YEAR 12 Mathematical Methods

### Overview

TERM	UNIT	SUB TOPICS	ASSESSMENT
Term 1	<p>Further calculus</p> <p>Further functions and statistics</p>	<ul style="list-style-type: none"> <li>• The logarithmic function 2</li> <li>• Further differentiation and applications 2</li> <li>• Integrals</li> <li>• Further differentiation and applications 3</li> <li>• Trigonometric functions 2</li> <li>• Discrete random variables 2</li> <li>• Continuous random variables and the normal distribution</li> <li>• Interval estimates for proportions</li> </ul>	<ul style="list-style-type: none"> <li>• IA2 Examination</li> </ul>
Term 2	<p>Further functions and statistics</p>	<ul style="list-style-type: none"> <li>• Further differentiation and applications 3</li> <li>• Trigonometric functions 2</li> <li>• Discrete random variables 2</li> <li>• Continuous random variables and the normal distribution</li> <li>• Interval estimates for proportions</li> </ul>	
Term 3	<p>Further functions and statistics</p>	<ul style="list-style-type: none"> <li>• Further differentiation and applications 3</li> <li>• Trigonometric functions 2</li> <li>• Discrete random variables 2</li> <li>• Continuous random variables and the normal distribution</li> <li>• Interval estimates for proportions</li> </ul>	<ul style="list-style-type: none"> <li>• IA3 Examination</li> </ul>
Term 4	<p>Further calculus</p> <p>Further functions and statistics</p>	<ul style="list-style-type: none"> <li>• The logarithmic function 2</li> <li>• Further differentiation and applications 2</li> <li>• Integrals</li> <li>• Further differentiation and applications 3</li> <li>• Trigonometric functions 2</li> <li>• Discrete random variables 2</li> <li>• Continuous random variables and the normal distribution</li> <li>• Interval estimates for proportions</li> </ul>	<ul style="list-style-type: none"> <li>• EA External Examination</li> </ul>