BRACKEN RIDGE STATE HIGH SCHOOL
YEAR 11 Mathematical Methods
Overview

TERM	UNIT	SUB TOPICS	ASSESSMENT
Term 1	Algebra, statistics and functions	• Arithmetic and geometric sequences and series 1 • Functions and graphs • Counting and probability • Exponential functions 1 • Arithmetic and geometric sequences and series 2	• Formative AI1 Problem solving and modelling task
Term 2	Algebra, statistics and functions Calculus and further functions	• Arithmetic and geometric sequences and series 1 • Functions and graphs • Counting and probability • Exponential functions 1 • Arithmetic and geometric sequences and series 2 • Exponential functions 2 • The logarithmic function 1 • Trigonometric functions 1 • Introduction to differential calculus • Further differentiation and applications 1 • Discrete random variables 1	• Formative AI2 Examination
Term 3	Calculus and further functions	• Exponential functions 2 • The logarithmic function 1 • Trigonometric functions 1 • Introduction to differential calculus • Further differentiation and applications 1 • Discrete random variables 1	• Formative AI3 Examination
Term 4	Further calculus	• The logarithmic function 2 • Further differentiation and applications 2 • Intergals	• AI1 Problem solving and modelling task