



Ambarvale High School MATHEMATICS Faculty Programs Stage 6 – 2024

YEAR 12 EXTENSION 1

Week	1	2	3	4	5	6	7	8	9	10	11
Term											
4	Mathematical Induction (P1) <i>ME-P1</i>					Trigonometric Equations (T3) <i>ME-S1</i>					
1	Vectors (V1.1 & V1.2) <i>ME-T3</i>					Further Calculus <i>ME-V1.1, V1.2</i>					
2	Applications of Calculus <i>ME-V1.1, V1.2</i>					Projectile Motion (V1.3) <i>ME-C2, C3.1</i>					
3	Projectile Motion continued		Statistical Analysis <i>ME-C3.2</i>					Revision			

Summative Assessment		
Task	Date	Topics assessed
Assignment	Term 4, Week 9	Mathematical induction and Trigonometric Equations
In class test	Term 1, Week 10	Vectors and Further Calculus
Trial HSC	Term 2, Week 9/10	All topics so far up to and including Applications of Calculus
Extended Task/Investigation	Term 3, Week 4	Projectile Motion and Statistical Analysis

Name: _____

Class: _____