



Ambarvale High School

MATHEMATICS Faculty Programs

Stage 6 – 2024

YEAR 11 EXTENSION 1

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|----------|---|---|---|---|---|--|--|---|---|----|----|
| Term | | | | | | | | | | | |
| 1 | Permutations & Combinations <i>ME11-5, 6, 7 (A1)</i> | | | | | | Further Inequalities <i>ME11-1, 4, 6, 7 (F1)</i> | | | | |
| 2 | Polynomials & Inverse Functions <i>ME11-1, 4, 6, 7 (F1, C1)</i> | | | | | Further Functions 2 <i>ME11-1, 2, 6, 7 (F1)</i> | | | | | |
| 3 | Further Rates <i>ME11-1, 4, 6, 7 (C1)</i> | | | | | Further Trig Functions <i>ME11-1, 3, 6, 7 (T1, T2)</i> | | | | | |
| 4 | HSC: Mathematical Induction (P1) <i>ME-P1</i> | | | | | HSC: Trigonometric Equations (T3) <i>ME-S1</i> | | | | | |

| Summative Assessment | | |
|----------------------|-------------------|-----------------------------|
| Task | Date | Topics assessed |
| In-class test | Term 1, Week 7 | Permutations & Combinations |
| Assignment | Term 2, Week 5 | Equations & Functions |
| Trial HSC | Term 3, Week 9/10 | All topics |

Name: _____

Class: _____