



HSC Mathematics Advanced 2022

Assessment Notification:

HSC TASK 3 (Year 12)

Task Date: Tuesday 23rd August 2022

PLEASE NOTE – THIS TEST WILL BE HELD DURING PERIOD 3 IN 145. (Not during the normal maths lesson).

Notification Date: 5th August 2022

The Task: In class test

You will be provided with the NESA approved Reference sheet for Mathematics and Mathematics Extension 1, which you may use during the test.

You may use a scientific calculator for all sections of the test.

Duration: 1 Period

Assessment Weighting: 25%

Content:

Sequences and Series including loan repayments and annuities (Chap 1 and 9)

The test: The test will consist of both “seen” and “unseen” questions. The “seen” questions will come from the attached list of questions.

Outcomes:

MA12-1 uses detailed algebraic and graphical techniques to critically construct, model and evaluate arguments in a range of familiar and unfamiliar contexts

MA12-2 models and solves problems and makes informed decisions about financial situations using mathematical reasoning and techniques

MA12-4 applies the concepts and techniques of arithmetic and geometric sequences and series in the solution of problems

Recommended preparation includes:

Completing the booklet of “seen” questions;

Completing the relevant Chapter Reviews;

Completing EDROLO online learning activities.