KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

KINGSCLIFF HIGH SCHOOL
Subject Selection Information

KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

Faculty: Mathematics

Subject: Mathematics Advanced

Units: 2

KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

Classification of the Course:

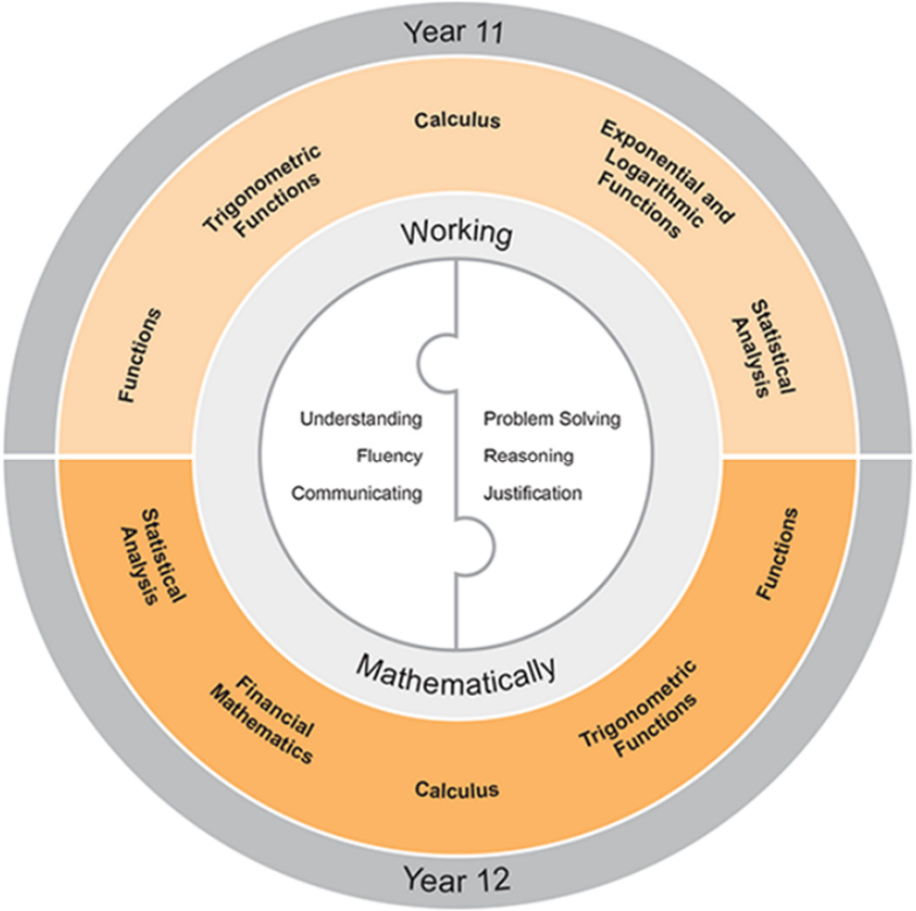
Category A

KINGSCLIFF HIGH SCHOOL
ACHIEVEMENT THROUGH ENDEAVOUR

Nature of the Course

Mathematics Advanced is a calculus-based course that provides students opportunities to develop ways of thinking and use mathematics as a powerful way of viewing and modelling the world to investigate patterns, order, generality and uncertainty. It is designed for those students whose future pathways may involve mathematics and its applications in a range of disciplines at the tertiary level.

Summary of Topics



KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

HSC Exam: Yes

Length of Exam: 3 hours

KINGSCLIFF HIGH SCHOOL
ACHIEVEMENT THROUGH ENDEAVOUR

Internal Assessment Structure

Year 11
Class Test
Assignment / Investigation Task
Exam

Year 12
Class Test 1
Assignment / Investigation Task
Class Test 2
Exam

KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

Elective fees for the Course:

Nil

KINGSCLIFF HIGH SCHOOL
ACHIEVEMENT THROUGH ENDEAVOUR

Skills Required for this subject and/or any Prerequisites:

The study of the 5.3 sub-strand in Years 9 and 10 is strongly recommended

KINGSCLIFF HIGH SCHOOL
ACHIEVEMENT THROUGH ENDEAVOUR

Career Opportunities

Mathematics Advanced will help students develop skills which will help them in the following career paths:

Commerce & Economics
Data Analysis & Statistics
Engineering
Education (Secondary & Tertiary)
Health Sciences
Physical Sciences
Technology