

VCE MATHS REVISION

TOP 6 TIPS FOR STUDENTS

CREATE TOPIC SUMMARIES

Students should create maths topic summaries on an ongoing basis, during and at the end of each topic. This avoids making lots of summaries later and helps consolidate knowledge regularly. Summaries for maths should be visual, include definitions, key ideas, diagrams, formulas, processes, and examples. Read through summaries regularly and display for regular viewing.

REVISION PROGRAMS

Revision programs are a great opportunity to reinforce learning, get summaries and notes, focus on exam questions, and hear the information from a different teacher or an examiner/assessor. MAV runs revision programs for Methods, Specialist and Further Mathematics. They are delivered by VCAA exam assessors and, are offered in an interactive, online, self-paced course. The course includes videos, questions, quizzes and a book of tips and exam style questions. Visit www.mav.vic.edu.au/Student-activities/VCE-revision-program.

WHAT YOU KNOW AND WHAT YOU DON'T

A checklist can help you feel like you are in control of your learning and helps you see what to focus on, making for more effective study. Assess yourself realistically so you know where to focus next. The table below is an example of an effective checklist, try creating one yourself.

SUBJECT: FURTHER MATHS					
Outcome 1: Data analysis Topic (dot points from Study Design)	Has this been completed at school?	No idea! Need to study this a lot more.	Starting to understand the basics. Needs more work.	Almost got it. Needs a bit more practice	Nailed it! Revise this less frequently.
Types of data	Yes				•
Frequency tables and bar charts	Yes			•	
Log scales (base 10)	Yes	•			
Five figure summary and boxplots	Yes		•		
Mean and standard deviation					
... etc					

SHOW YOUR WORKING: STEP-BY-STEP

Show each step, to practice problem solving processes. Writing out each step reduces silly errors that occur when taking shortcuts. It also makes reviewing completed questions faster, as you don't have to recalculate when checking answers. Exam assessors look at the steps that they may be able to award marks to. So, no shortcuts!

BE FAMILIAR WITH VCAA MATERIALS

VCAA's website is a valuable resource, www.vcaa.vic.edu.au.

- Past exams: prepare for exams by doing as many practice exams as possible
- Formula sheet: use the official VCAA sheet
- Examiners report: useful insights into how well students answered previous exam questions.

KNOW WHERE MATHS CAN TAKE YOU

Completing VCE maths provides many career options and skills required for success at both university and the workplace. Mathematics graduates have excellent career opportunities and rewards. It's not all about ATAR though, there are multiple pathways to access your desired career or course. Having conversations about options and a plan B can help to alleviate the stress of VCE.

