



# **END OF YEAR SWOT WEEK**

**TIMETABLE + SESSION SUMMARIES**

**MONDAY (25/09) - FRIDAY (29/09)**

**9:00 AM - 4:00 PM**

**LOCATION: THE UNIVERISTY OF MELBOURNE, PARKVILLE CAMPUS**



Faculty of Medicine, Dentistry  
and Health Sciences



# ***END OF YEAR SWOT WEEK***

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# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW TIMETABLE

SESSION BLOCKS	MONDAY SEPTEMBER 25TH			TUESDAY SEPTEMBER 26TH			WEDNESDAY SEPTEMBER 27TH		
SESSION BLOCK #1 9:00 AM - 11:00 AM	ENGLISH SESSION A	METHODS SESSION A		SPECIALIST SESSION A	PSYCHOLOGY SESSION A	BIOLOGY SESSION A	BIOLOGY SESSION A REPEAT	CHEMISTRY SESSION A	
SESSION BLOCK #2 11:00 AM - 1:00 PM	PSEDUOCODE WORKSHOP SESSION A	GERMAN		SPECIALIST SESSION B	PSYCHOLOGY SESSION B	BIOLOGY SESSION B	UNI 101	ITALIAN	
SESSION BLOCK #3 2:00 PM - 4:00 PM	ENGLISH SESSION B	METHODS SESSION B		PSEDUOCODE WORKSHOP SESSION B			BIOLOGY SESSION B REPEAT	CHEMISTRY SESSION B	



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# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW TIMETABLE

SESSION BLOCKS	THURSDAY SEPTEMBER 28TH		FRIDAY SEPTEMBER 29			
SESSION BLOCK #1 9:00 AM - 11:00 AM	ENGLISH SESSION A REPEAT	METHODS SESSION A REPEAT		PHYSICS SESSION A	LEGAL STUDIES SESSION A	JAPANESE
SESSION BLOCK #2 11:00 AM - 1:00 PM	GENERAL MATHS SESSION A	CHINESE		PHYSICS SESSION B	LEGAL STUDIES SESSION B	CHEMISTRY SESSION A REPEAT
SESSION BLOCK #3 2:00 PM - 4:00 PM	ENGLISH SESSION B REPEAT	METHODS SESSION B REPEAT		GENERAL MATHS SESSION B	CHEMISTRY SESSION B REPEAT	



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# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### BIOLOGY

#### Session A: Our Defence Against Disease (Unit 4, AOS 1)

- We will cover the following key topics:
- Lines of defence against pathogens
- Immunity and immunotherapy.
- This is an interactive revision workshop, which includes a presentation complemented with extra engaging revision resources designed just for you, and a focus on practising exam-style questions.
- There will be opportunities to work in small groups, have your questions answered, and get more personalised support from our friendly and experienced tutors!

#### Session B: Relation-shifts Over Time (Unit 4, AOS 2)

- We will cover the following key topics:
  - Genetic changes over time
  - Evidence of relatedness
  - Hominin evolution.
- This interactive revision workshop features a presentation integrated with a fun hands-on activity, as well as extensive practice questions that will help you prepare for your biology exams.
- There will be opportunities to work in small teams, have your questions answered, and get more personalised support from our friendly and experienced tutors!

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### CHEMISTRY

#### Session A: Organic Chemistry! AOS 1

- The lesson will be split between brief revision lectures and collaborative problem solving - we will be working together to answer workbook questions.
- The workbook is split into topics, so we will be going through one topic at a time.
- Questions will be:
  - Inspired by previous exams - but broken down to make them more approachable
  - Multiple choice & short answer styles
- Workbook and all answers will be made available after the session to aid with your revision.
- Students will also be given a 'cheatsheet' to fill in - full of handy tips for acing their chemistry exam!
- **Please bring your data book! (And a scientific calculator)**

#### Session B: Who's hungry? The Chemistry of Food AOS 2

- The lesson will be split between brief revision lectures and collaborative problem solving - we will be working together to answer workbook questions.
- The workbook is split into topics, so we will be going through one topic at a time.
- Questions will be:
  - Inspired by previous exams - but broken down to make them more approachable
  - Multiple choice & short answer styles
- Workbook and all answers will be made available after the session to aid with your revision.
- Students will also be given a 'cheatsheet' to fill in - full of handy tips for acing their chemistry exam!
- **Please bring your data book! (And a scientific calculator)**



# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### ENGLISH

#### Session A

- Session A will cover both text and comparative responses! In this session we'll outline:
  - How sections A and B of the exam are marked
  - How to structure text responses
  - How to structure comparative responses
  - How to incorporate evidence and quotes into paragraphs
- During this session, students will get the opportunity to practice writing text response paragraphs in timed conditions, and work in groups and with tutors to workshop their writing.
- Please bring a pen and paper for practice writing.

#### Session B

- This session will focus on section C of the exam, argument analysis. We'll cover:
  - How argument analysis is marked
  - How to break down a given text into manageable sections
  - How to identify and analyse some common persuasive techniques
  - How to approach writing paragraphs on visuals (e.g. cartoons and graphs)
- We'll also have some time to practice writing argument analysis paragraphs and introductions.
- The session will end with some exam study tips and a Q+A.
- Please bring a pen and paper for practice writing.

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### GENERAL MATHS

#### Session A: Matrices

- For this session, we will be working through a worksheet of questions that have been prepared in advance.
- The topics contained in this worksheet consist of:
  - Matrix arithmetic
  - Communication and dominance matrices
  - Transition and Leslie Matrices
- For each topic we have questions with a range of difficulties
- We will not get through all of these questions during the lesson, but we hope that you find this resource useful for future study and revision as well.
- **Be sure to bring your CAS calculator with you and have fun!**

#### Session B: Network

- For this session, we will be working through a worksheet of questions that have been prepared in advance.
- The topics contained in this worksheet consist of:
  - Network and graph basics
  - Flow and minimum spanning trees
  - Matching and scheduling problems
- For each topic we have questions with a range of difficulties
- We will not get through all of these questions during the lesson, but we hope that you find this resource useful for future study and revision as well.
- **Be sure to bring your CAS calculator with you and have fun!**



# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### LEGAL STUDIES

#### Session A

- We do fun classroom activities to help you:
  - Remember key information from both units for the exams,
  - Break down questions into key components, and
  - Maximise your scores in answering questions.
- We also leave you with plenty of resources to help you ace the exams.
- **This is designed to work with Session B, so stick around for that too!**

#### Session B

- We'll have an interactive session that has:
  - A walkthrough of a practice exam and timings,
  - How to break down practice exam questions and ace it,
  - Tips on how to get a high score on the exam, especially on the extended questions.
- We also go through some topics you'd like to spend more time on.
- **This is designed to work with Session A, so remember to book that in!**



# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### MATHS METHODS

#### Session A

- This session will focus on Exam 1 (Non-CAS) revision and getting the highest marks for this exam
- In this session, all relevant topics will be covered from all areas of study, including
  - General functions, inverse and composite
  - Graphing, transformations, domain and range
  - Applications of differentiation and integration
  - Discrete and continuous variables and distributions
  - Statistics and sampling
  - Pseudocode
- In this session, you will be working through exam-style short answer and extended answer questions with other students and tutors and will also include Methods specific exam tips, including
  - Time management during the 1 hour exam
  - Study strategies to prepare for Methods and manage VCE
  - Personal experiences from our tutors in studying for Methods
  - Q&A section
- Through this session, we hope to give you different approaches to tackling exam-style questions, break down how to get full marks and give you more confidence heading into the Methods exam!

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### MATHS METHODS

#### Session B

- This session will focus on Exam 2 (CAS Enabled) revision and getting the highest marks for this exam
- In this session, all relevant topics will be covered from all areas of study, including
  - General functions, inverse and composite
  - Graphing, transformations, domain and range
  - Applications of differentiation and integration
  - Discrete and continuous variables and distributions
  - Statistics and sampling
  - Pseudocode
- In this session, you will be working through exam-style multiple choice and extended answer questions with other students and tutors and will also include Methods specific exam tips, including
  - Time management during the 2 hour exam
  - Study strategies to prepare for Methods and manage VCE
  - Personal experiences from our tutors in studying for Methods
  - Q&A section
- Through this session, we hope to give you different approaches to tackling exam-style questions, break down how to get full marks and give you more confidence heading into the Methods exam!

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PHYSICS

#### Session A

- In session A, we will be exploring Area of Study 1 of Unit 4.
- We will be covering:
  - Mechanical wave properties including resonance, diffraction, the Doppler effect, interference and standing waves
  - Light's wave properties including refraction, polarisation and dispersion
  - Young's Double Slit experiment
- The session will be split into two main stages:
  - Stage 1: Interactive quiz to revise and test your knowledge
  - Stage 2: Tutorial section to work on worksheet problems
- **Bring your calculators along and let's have some fun with physics!**

#### Session B



- In session B, we will be exploring Area of Study 2 of Unit 4.
- We will be covering:
  - The photoelectric effect
  - The wave-like nature of matter
  - The similarities between light and matter
  - Absorption and emission spectra
  - Heisenberg's uncertainty principle
- The session will be split into two main stages:
  - Stage 1: Interactive quiz to revise and test your knowledge
  - Stage 2: Tutorial section to work on worksheet problems
- **Bring your calculators along and let's have some fun with physics!**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PSYCHOLOGY

#### Session A: How does experience affect behaviour and mental processes?

-  Nervous System and Stress 
  - Structure of the nervous system
  - The role of neurotransmitters and its importance in the nervous system - inhibitory effects (GABA) and excitatory effects (glutamate)
  - Neuromodulators vs Neurotransmitters
  - Synaptic plasticity with reference to long-term potentiation and long-term depression and its importance in memory and learning
  - Chronic Changes that change in Nervous system- particularly Parkinsons
  - Source of Stress - internal and external stressors causing psychological and physiological stress responses
    - Fight-flight-freeze response in acute stress
    - Cortisol in chronic stress
  - Gut-brain axis - interaction which stress and nervous system
  - GAS model - biological model of stress including alarm reaction, resistance and exhaustion
  - TMS Model - stress as a psychological process (primary and secondary appraisal only)
  - Coping with stress and improving mental wellbeing

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PSYCHOLOGY

#### Session A: How does experience affect behaviour and mental processes? (CONTINUE)

- 📖 Learning and memory 📖
  - Classical Conditioning
  - Operant Conditioning
  - Observational learning
  - Aboriginal and Torres Strait Islander ways of knowing - learner is part of a multimodal system of knowledge
  - Atkinson-Shiffrin multi-store model of memory
  - Roles of specific areas in the brain in long-term implicit and explicit memories
  - Role of episodic and semantic memory in retrieving autobiographical events and reconstructing them
  - Brain injury and its possible impact on a person - Alzheimer's disease and aphantasia
  - The use of mnemonics to increase memory as well as in Aboriginal cultures using sung narrative



# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PSYCHOLOGY

#### Session B: How is mental wellbeing supported and maintained?

- Research methods
  - Experimental research - differences between sample and population, research design
  - Ethics in research
  - Different forms of research studies and methods - case study, cross-sectional studies, observational studies, self-reports, controlled experiment, correlational studies
- 😴 Sleep 😴
  - Sleep as an altered state of consciousness and the difference between REM and NREM sleep
  - How sleep is measured (EEG, EMG and EOG)
  - The sleep-wake cycle - circadian rhythm and ultradian rhythm
  - The demands of sleep across lifespan
  - The effects of sleep deprivation and sleep disorders- affective, behavioural and cognitive functioning
  - Improving sleep hygiene - daylight and blue light, temperature, and eating and drinking patterns

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PSYCHOLOGY

#### Session B: How is mental wellbeing supported and maintained? (CONTINUE)

- 🧠 Mental wellbeing and specific phobia 🧠
  - Mental wellbeing for Aboriginal and Torres Strait Islander people - multidimensional and holistic framework
  - Mental wellbeing as a continuum
  - Development of specific phobias - biologically, psychologically and socially
  - Interventions used to treat specific phobia - medication, therapy and social factors
  - Application of the biopsychosocial approach to maintain mental wellbeing generally
  - Aboriginal and Torres Strait Islander people and their strategies in maintaining mental wellbeing

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### SPECIALIST MATHS

#### Session A: AOS 4-6 Revision

- For this session, we will be working through a worksheet of questions relating to AOS 4-6 that have been prepared in advance.
- The topics contained in this worksheet contain:
  - Differential Equations
  - Vector Calculus and Kinematics
  - Probability and Statistics
- The questions include a mix of tech-free, multiple choice and tech-active, and will contain a range of difficulties
- We will not get through all of these questions during the lesson, but we hope that you find this resource useful for future study and revision as well.

#### Session B: One-on-one Help Session

- In this session we will provide one-on-one help and advice to you, the students. **Bring along any questions or make a list of topics you are having trouble understanding and we will try our best to help you out!**
- If you would like to revise AOS 1-4 topics, the Mid-year SWOT Week Worksheet will be available
- We (still) have a team of very capable tutors who are willing to help you with your studies. Please remember to bring your calculator and don't be afraid of asking questions!

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### CHINESE SECOND LANGUAGE

#### Session A: The individual: Personal identity

- Session A will be all about you! We cover how to speak and communicate about name, appearance and personalities, family and friends, daily routines/life, interests and hobbies, health and nutrition, leisure activities. To present imaginative and analytical thinking through various text types (Unit 1; AOS 1, 2 and 3).
- You will practice the following skills during the session:
  - Interpersonal communication and the ability to express ideas, doubts, and emotions
  - Extractive reasoning and using different sources of information
  - Using appropriate tenses, vocabulary and grammar
  - Exam tips and tricks!
- Activities you will complete:
  - Role play
  - Listening and responding
  - Games
  - Conversation
- **In this session you will mostly complete activities in spoken Chinese. From personal experience, it can be really scary speaking another language but we can get through it together! It is a total no-judgement zone :)**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### CHINESE SECOND LANGUAGE

#### Session B: The Chinese speaking-communities: History and culture

- Session B will focus on helping you to express, through speaking and writing, to explore Traditional Chinese festivals, customs, legends and fables, and famous people. (Unit 2; AOS 1, 2 and 3).
- You will practice the following skills during the session:
  - Presentational skills and the ability to compare and contrast cultural phenomena;
  - Self-correcting language use (pronunciation, grammar, and tone)
  - Use repair strategies and conversational techniques (persuasion, register, tone)
  - Exam tips and tricks!
- Activities you will complete:
  - Speaking and writing
  - Games
  - Conversation
- **In this session you will mostly complete your activities in spoken Chinese. From personal experience, it can be really scary speaking another language but we can get through it together! It is a total no-judgement zone :)**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### GERMAN

#### Session A

In the first session, students will practise their speaking skills in a casual environment by collaboratively engaging in fun tongue twisters and simple general conversation questions. Students often also find listening tasks quite challenging, so in this session they will be able to practise their listening comprehension skills by listening to a German song and watching a German film trailer. Students will also revise their knowledge of grammar patterns and verb tenses by correcting mistakes in sample sentences, and also test their knowledge of genders for common nouns in a concluding Kahoot!

#### Session B

In the second session, students will practise their reading comprehension skills by collaboratively reading and analysing a short passage and answering questions based on the passage. They will then have the opportunity to practise their writing, speaking, and listening skills by engaging in a short casual debate on a given topic in German, whereby they have time to prepare written notes, present their standpoint, and listen to their fellow peers. To conclude the session, students will apply their knowledge of German vocab and grammar in a fill-in-the-blank exercise, and then translate sentences in a Kahoot!



# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### ITALIAN

#### Session A: Il mondo d'identità, di lavoro, e di società: Making meaning in our world

- Session A will be all about you! We cover how to speak and communicate about personal issues and hopes; using written, spoken and visual formats to extract meaning from; and presenting imaginative and analytical thinking through various text types (Unit 3; AOS 1, 2 and 3).
- You will practise the following skills during the session:
  - Interpersonal communication and the ability to express ideas, doubts, and emotions
  - Extractive reasoning and using different sources of information
  - Using appropriate tenses, vocabulary and grammar
  - Exam tips and tricks!
- Activities you will complete:
  - Tongue twisters
  - Listening and responding
  - Games
  - Conversation
- **In this session you will mostly complete activities in spoken Italian. From personal experience, it can be really scary speaking another language but we can get through it together! It is a total no-judgement zone :) Ci vediamo presto!**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### ITALIAN

#### Session B: La moda, la lingua, e la cucina! Italian speaking-communities and culture

- Session B will focus on helping you to express, through speaking and writing, personal observations and ideas about different social, cultural and linguistic contexts (Unit 4; AOS 1, 2 and 3). These include contemporary fashion, cuisine, and the use of language by communities.
- You will practise the following skills during the session:
  - Presentational skills and the ability to compare and contrast cultural phenomena;
  - Self-correcting language use (pronunciation, grammar, and tone)
  - Use repair strategies and conversational techniques (persuasion, register, tone)
  - Exam tips and tricks!
- Activities you will complete:
  - Skill-and-drill
  - Hybrid response task
  - Games
  - Conversation
- **In this session you will mostly complete your activities in spoken Italian. From personal experience, it can be really scary speaking another language but we can get through it together! It is a total no-judgement zone :) In bocca al lupo ragazz\*!**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### JAPANESE SECOND LANGUAGE

#### Session A: 会話力テストの練習: 進めるのは、無理でしょう?

- D'ya ever get that thing in oral test practice where you can answer the question in a basic way and then begins a terrible 5 seconds where nobody says anything? In this session we will practice elaborating on your core answers for the oral test (それから「会話力テスト」という).
- The core new information will be:
  - いただく、もらう、くれる、あげる discussion and practice
  - Causative (使役動詞) conjugation
  - 漢字 (すいません)
- Will it be boring? NOooOo, there will be fun games and activities to practice these, including telling stories and of course lots of speaking practice.

#### Session B: テキスト...種類だけ?

- In this session we'll be consolidating the new knowledge with practice of text types and reading comprehension. Of course there will be talking but by this stage that won't even worry you. 緊張なんてされないよ。
- And we will thus discuss:
  - “Cheat codes” for the oral and written exam (i.e. how to convey a lot of knowledge without having to succumb to 過労死)
  - How to align to requested text types
  - 「私」を使うべきか?
- **一緒に頑張りましょう! 皆さんの笑顔を見るに楽しみにしています!**

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### PSEUDOCODE WORKSHOP

#### Session A

- Your school hasn't covered pseudocode? Still bamboozled by the concept? Well fear not, because SWOT is here.
- In Session A we take you through the basics of pseudocode from the ground up, covering the core underlying concepts. We focus on:
  - Variables and Naming Conventions
  - Decisions
  - Repetition
- This will be very similar to what we covered in the Mid-Year SWOT Week Session, so if you feel that you've mastered that content, then have a look at Session B. However, if you need a refresher, or couldn't make it for Mid-Year SWOT Week, then Session A is for you !

#### Session B

- Worried about the pseudocode exam questions? SWOT has you covered.
- In Session B, we build upon the basics of pseudocode covered in Session A and direct the focus more towards what we expect to be on the exam. Specifically, we will focus on:
  - Functions and Algorithms
  - Exam Practice
- Session B covers more advanced concepts than Session A, so we recommend attending both if you're still new to Pseudocode. However, if you've already got a good grasp on Pseudocode, then Session B is for you !

# END OF YEAR SWOT WEEK

## STUDENT WELFARE OUTREACH TEAM EOYSW SESSION DETAIL

### UNIVERSITY 101

- In a revamped version of our event from Mid-Year SWOT Week, we bring you University 101. We will take you on a tour around the main areas of the university campus. On the way, we will provide advice, relating to both the University of Melbourne and further education opportunities more broadly.
- There will be plenty of opportunities for you to ask questions along the way, and a structured Q&A session will follow the tour.



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