



Nelson Psychology VCE Units 3&4

Second
Edition

Helene van Iersel, Kenna Bradley, Dennis Coon, Kristy Kendall,
Jody Koerner, Amanda Stone and Vaidy Swaminathan



Australia • Brazil • Japan • Korea • Mexico • Singapore • Spain • United Kingdom • United States



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Introduction

Nelson VCE Psychology Units 3 & 4 (second edition) has been specifically written to the requirements of the VCE Psychology Study Design 2013–2016. A highly experienced author team from diverse teaching and research backgrounds has written this comprehensive text as part of Nelson’s VCE Psychology series.

Our author team has produced a book that is engaging and easily accessible to all students of psychology. It provides extension opportunities for students who wish to explore concepts in more depth.

Our author team has developed their content within an Australian context. However, as the study of Psychology is universal, research and interesting examples from overseas have also been included. The inclusion of a variety of features in addition to the innovative user-friendly language and colourful design features set the standard for Psychology texts in Victorian schools.

The key skills associated with the scientific research which underpin the study of Psychology have been brought together in the chapter titled ‘Scientific research methods’. These skills have also been woven through all the chapters so students can practise applying these skills in context.

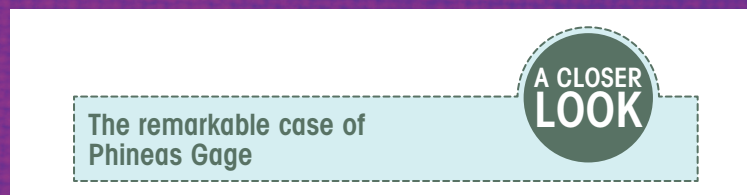
Key Knowledge and Key Skills lists, taken directly from the VCE Psychology Study Design 2013–2016, appear on each chapter-opening page.

Each chapter begins with a concept map, which visually displays the concepts dealt with within that chapter. Students can immediately see where topics fit into the chapter and the links between topics. They can use the concept map to navigate their way through the chapter.

Nelson Psychology VCE Units 3 & 4 (second edition) gives students a comprehensive grounding in psychology and thoroughly prepares students for their exams.

How to use *Nelson Psychology VCE Units 3 & 4 (second edition)*

Try it yourself boxes provide the opportunity to test out some of the ideas and concepts covered within the chapter.

A rectangular box with a dashed border. On the right side, there is a circular icon with a dashed border containing the text 'A CLOSER LOOK'. To the left of this icon, the text 'The remarkable case of Phineas Gage' is written in a bold, sans-serif font.

A CLOSER LOOK

The remarkable case of Phineas Gage

A closer look explores a range of interesting real-life situations linked to the content of each chapter.

Key terms used in the previous two pages are identified in a glossary on the bottom right-hand corner. A full glossary containing these terms is found at the back of the book.

Check your understanding questions, spread throughout each chapter, provide the opportunity to review manageable sections of material. After completing these questions students can feel confident they have understood the material before they move on to new areas of content. Answers to Check your understanding questions can be found at the back of the book.

FOCUS
ON
RESEARCH

**One in five: Facts about
mental illness in Australia**

Psychology is a body of knowledge accumulated through scientific research. **Focus on research** boxes relate the material contained within the chapter to an interesting piece of relevant research.

The **Chapter review** at the end of each chapter provides a summary of the content related to the relevant Key Knowledge and Key Skills listed at the beginning of the chapter. This summary provides students with an excellent overview of the concepts that have been covered within the chapter.

This is followed by an **Apply your knowledge** section, which contains the following sections:

- Section A: multiple-choice questions.
- Section B: short-answer questions.
- Section C: extended response question. These questions provide excellent practice and preparation for the formal written examination at the end of the Unit.
- Section D: suggested assessment tasks designed to be completed in class. These activities provide a practical demonstration of one of the key concepts of the chapter. The assessment tasks are selected from the list provided by the VCAA in the VCE Psychology Study Design 2013–2016.

How to use NelsonNet

NelsonNet access codes have been included with this edition.

The NelsonNet material contains the following:

The entire text of *Nelson Psychology VCE Units 3 & 4 (second edition)* appears in PDF format.



Video icons are located in each chapter. These links take students to the Cengage website where they will further click on the desired link. The videos have been selected from YouTube and other sources to provide students with real-life modern and historical examples of psychology principles and much more. We will make every attempt to maintain these links, but it is advised that you download the videos according to the instructions (how to download videos) on the Cengage website.



Test yourself files at the end of each chapter provide students with 20 auto-correcting multiple-choice questions complete with an explanation of the answer and page reference to the textbook.



Word check activities at the end of each chapter enable students to further their understanding and reinforce their knowledge of key terms in each chapter.

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Outcomes

Chapter number and title	Unit 3: The conscious self		Unit 4: Brain, behaviour and experience	
	Area of study 1: Mind, brain and body Explain the relationship between the brain, states of consciousness including sleep, and behaviour, and describe the contribution of selected studies to the investigation of brain function	Area of study 2: Memory Compare theories that explain the neural basis of memory and factors that affect its retention, and evaluate the effectiveness of techniques for improving and manipulating memory	Area of study 1: Learning Explain the neural basis of learning, and compare and contrast different theories of learning and their applications	Area of study 2: Mental health Differentiate between mental health and mental illness, and use a biopsychosocial framework to explain the causes and management of stress and a selected mental disorder
Unit 3: The conscious self				
1 Consciousness	✓			
2 Brain structure and processes	✓			
3 Memory		✓		
4 Forgetting		✓		
Unit 4: Brain, behaviour and experience				
5 Learning			✓	
6 Learning theories			✓	
7 Mental health				✓
8 Treatment of mental disorders				✓
Research methods				
9 Scientific research methods	✓	✓	✓	✓