# Excel

Get the Results You Want!

Please pass on to:

- Head of Maths
- Maths Department
- Maths Coordinator
- Maths Teacher

# **Secondary Maths Catalogue**

ON YOUR

Dear Teacher

Make sure you check out these workbook series, especially written for the Australian Curriculum:

 The brand-new Excel Essential Skills Non-Calculator and Calculator Workbooks:

This series helps students prepare for the Year 7 and Year 9 NAPLAN Non-Calculator and Calculator Allowed Tests using numerous worksheets.

- The soon-to-be-released *Excel Mathematics Practice Tests* series:
   These workbook-style titles will provide students with extensive test practice.
- The *Excel Essential Skills Problem Solving Workbook* series helps you teach the Problem Solving and Reasoning strands in the new curriculum. Step-by-step methods, plus carefully selected graded questions, will help your students excel in this area.

As a former secondary Mathematics teacher myself who is passionate about the teaching of Mathematics, I am always especially proud of the Mathematics resources we provide to help you and your students.

I always welcome your feedback as we are dedicated to improving our range to best suit teachers' and students' needs. My email address is <a href="mailto:vivienne@pascalpress.com.au">vivienne@pascalpress.com.au</a>. Please don't hesitate to email me with your suggestions and comments.

You can view these new resources on a FREE 30-Day Preview:

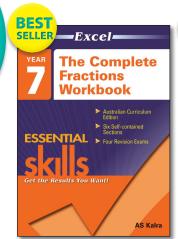
- ★ View resources FREE for 30 days
- ★ Reply paid address for returned items
- ★ No obligation to purchase!

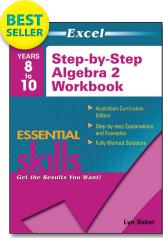
Have a great year!

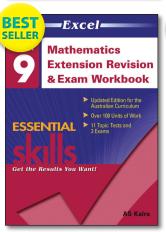
Virene Journou

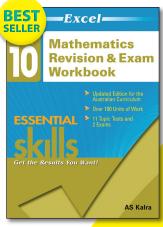
Vivienne Joannou Publisher

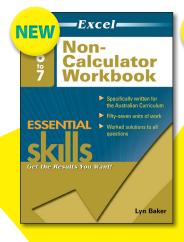


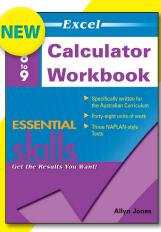












www.pascalpress.com.au/excel

# Excel Essential Skills Range Years 7-10

The bestselling *Excel* Essential Skills Workbook series, now updated for the **Australian Curriculum**, has been specifically designed as write-in workbooks and **homework books** for high-school students. These **photocopiable** workbooks offer comprehensive practice exercises of Australian Curriculum Mathematics topics.



#### This series can be used as:

- Extra worksheets for practice in class
- A complete homework program

#### Excel Mathematics Practice Tests

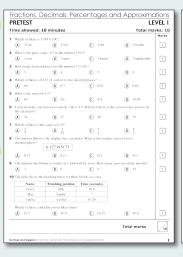
**NEW SERIES** 



Year 7 Year 9 Mathematics **Practice Tests** 

Year 9





EVEL 2 TEST		scriiages ari	d Approxim	PARTA
Time allowed: 40	minutes			AIIIA
Uhish of these is 10 a	60 expressed in scientifi	- materians 2		Marks
♠ 49.8 × 10 <sup>3</sup>	⊕ 4.98 × 10¹	© 4.98 × 10*	D 4.98 × 10°	1
Round off 37 297 to 0	no significant figures.			-
(A) 37 000	B 38 000	© 37 200	(B) 37 300	1
A number has been re been the original num		two significant figures. V	Which of these could have	e
(A) 86	B 850	© 854	(B) 864	1
Calculate 19.601, con	rect to three significant fi	igures.		
A 5.08	B 5.09	© 5.84	D 5.85	1
		ngs the temperature was -		
(A) fell by 3.7 °C	*C. Which of these descr (B) fell by 4.3 *C	ibes the change in temper (C) rose by 3.7 °C		
Meron increased 1800	thy 12%. Which of these	r is her result?		
(A) 1812	B 2016	© 2024	(b) 2116	1
What is the difference	between $3 \times 10^4$ and $5 \times$			
(A) 10	B 20	© 2.5×10°	(D) 2.5 × 10 <sup>4</sup>	1
		notation, correct to three		
(A) 7.40 × 10 <sup>1</sup>	B 7.4037 × 10 <sup>6</sup>	© 7.41 × 10 <sup>4</sup>	(D) 7.40 × 10°	1
Which of these is clos	est to 0.007 55? (B) 0.0074	(f) 0.0076	(D) 0.007.35	
_	_	(C) carre	(J) 0.007.53	
What is the average or     A 1	R 6	(f) 3	(ii) -3	
1 Which of these is clos	est to 1.61?			
(A) √2.64	B 3.96	© ±	(b)	
	2.4	nchtime has driven 40% o	V0.376	
2 One morning Maya to grandmother's home i has she yet to travel?	n Adelaide. If the distance	te from Canberra to Adela	ide is 1160 km, how far	
A 464 km		© 676 km	(D) 696 km	1
3 Simplify 1 : 12				
(A) 2:9	B 2:5	(C) 1:2	(D) 2:3	

#### **Mathematics Practice Tests**

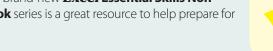
- Topic Tests with three different levels
- Pretests for each topic
- Yearly Exams covering all topics
- Complete answers to all tests and exams



 ${m Excel}$  Non-Calculator and Calculator Workbooks Years 6–7 and 8–9

**NEW SERIES** 

New for the Australian Curriculum, the brand-new **Excel** Essential Skills Non-Calculator and Calculator Workbook series is a great resource to help prepare for NAPLAN Tests and classwork.





**Years 6-7** 



Years 6-7



**Years 8-9** 



**Years 8–9** 

# This series can be used as:

- Extra worksheets for practice in class
- A complete homework program

#### Non-Calculator and **Calculator Workbooks**

- Carefully graded exercises
- Write-in worksheets
- Preparation for NAPLAN Tests

# **Excel** Problem Solving Workbooks

Year 7



Workbook 3 Years 9-11



Year 8



Workbook 2 **Years 8-10** 

#### **Problem Solving** Workbooks

- A focus on fifty different Key Skills
- A step-by-step method for each question, with explanations and tips
- Revision tests at both average and challenging difficulty levels
- Quick answers and worked solutions

# Excel Step-by-Step Algebra Workbooks

#### **Step-by-step Algebra** Workbooks



• Step-by-step explanations and examples

Workbook 1 **Years 7–8** 



Workbook 2 **Years 8–10** 



Workbook 3 Years 9-11

Fully worked solutions



# The Complete Fractions Workbook Year 7

This popular title features self-contained pages, making it easy for photocopying.



## Excel Mathematics Revision & Exam Workbooks



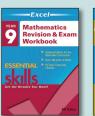
Year 7







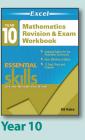
Year 8



Year 9



Year 9



e 40/7290

f 56/3468

Year 10

# Whole numbers UNIT 7: The four op f 7/329 h 6/555 practice!

#### **Mathematics Revision & Exam Workbooks**

- New updated Australian Curriculum editions
- Extended editions with 200 pages—50 extra pages of
- Consolidate the whole year's work or extend your students' knowledge



# Excel SmartStudy Mathematics Revison Guides Years 7-10

New for the Australian Curriculum, the brand-new Excel SmartStudy **Mathematics** series is a great resource for use as extra revision to help students prepare for class tests, half-yearly and end-of-year exams.



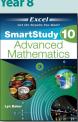
Year 7



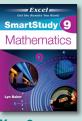
Year 10



Year 8



**Year 10 Advanced** 



Year 9



**SmartStudy Mathematics** 

A revision resource for tests and exams

This series can be used as: A homework resource

- Concise study notes
- Intermediate and advanced tests, plus sample exam papers
- Worked solutions



This series can be used as: Extra photocopiable resources

based on student level

resource

• A practice sample exam paper

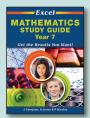
# Excel Mathematics Study Guides Years 7-10

**Excel Study Guides** are great resources for teaching mathematical concepts; they provide ample opportunity for practice at a variety of levels (straightforward, average difficulty and challenging). Each guide has full coverage of the Australian Curriculum course, with examples and worked solutions. Photocopiable intermediate and advanced tests, plus exams, are included to give students comprehensive practice of all topics.

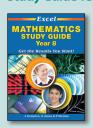




**Mathematics Study Guide Year 7** 



**Mathematics Study Guide Year 8** 



**Mathematics Study** Guide Years 9-10



**Advanced Mathematics** Study Guide Years 9-10





# Excel NAPLAN\* Years 7 and 9

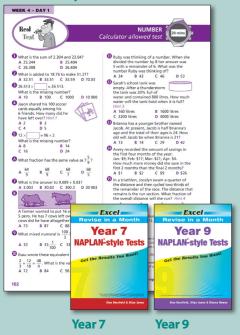
The bestselling *Excel* NAPLAN\* range consists of preparation books containing comprehensive practice of Numeracy for students in Years 7 & 9. Written specifically for the NAPLAN Tests, every book in this range features different material. Each book contains NAPLAN\*-style Sample Tests; these test-like questions will help your students be fully prepared for the NAPLAN Tests.



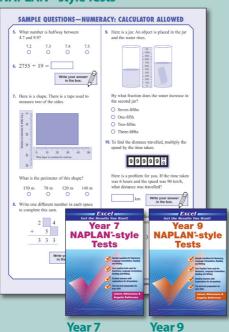
#### This range can be used as:

- Preparation for the NAPLAN Tests with photocopiable sample tests
- General revision books all year round

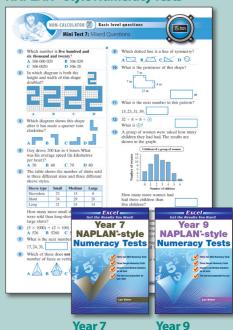
# Revise in a Month NAPLAN\*-style Tests



#### NAPLAN\*-style Tests



#### **NAPLAN\*-style Numeracy Tests**



### Excel Test Zone NAPLAN\* Years 7 and 9

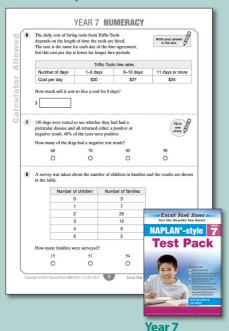
The bestselling *Excel Test Zone* NAPLAN\*-style Test Packs contain a Test Guide book with Numeracy questions arranged in order of difficulty. Also included are two NAPLAN\*-style Sample Tests with answers, plus one month's FREE access to the *Excel Test Zone* website.



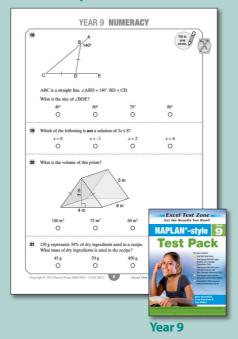
#### This range can be used as:

- NAPLAN Test revision
- · A photocopiable resource
- Online practice

#### NAPLAN\*-style Test Pack Year 7



#### **NAPLAN\*-style Test Pack Year 9**



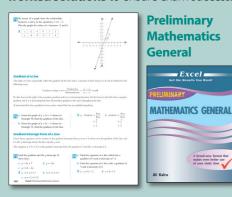
#### Excel Test Zone website

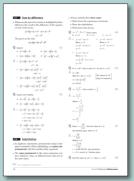


<sup>\*</sup>This is not an officially endorsed publication of the NAPLAN program and is produced by Pascal Press independently of Australian governments.

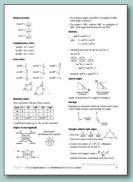
# Excel Preliminary Study Guides Year 11

The Excel Preliminary Study Guides have been written by experienced educators and include revision exercises with answers and worked solutions to ensure exam success.





# **Preliminary Mathematics MATHEMATICS**





**Preliminary** 

# Excel HSC Study Guides Year 12

Some titles available on iBooks

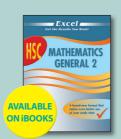
The Excel HSC Study Guides have been written by experienced educators and include revision exercises with answers and worked **solutions** to ensure HSC Exam success.

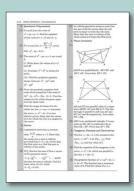




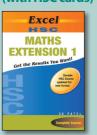


**HSC Mathematics General 2** 

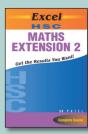




**HSC Maths Extension 1** (with HSC cards)

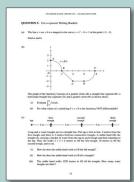


**HSC Maths Extension 2** 



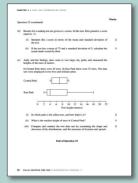
### Excel Success One HSC Year 12

The **Excel** Success One HSC series features past HSC questions with detailed worked answers written by experienced HSC markers, plus a Mark Maximizer Guide in HSC Mathematics General 2.



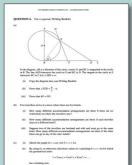






**HSC Mathematics** General 2 2017 Edition





**HSC Mathematics Extension 1** 2017 Edition

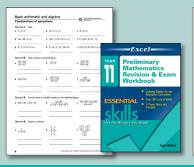


### Excel Essential Skills HSC & Preliminary Workbooks Years 11–12

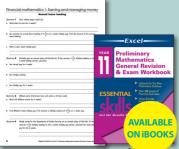
Some titles available on iBooks

Excel Essential Skills Mathematicsz are perfect for use as extra resources for topic revision and practice for class tests, half-yearly and yearly exams.

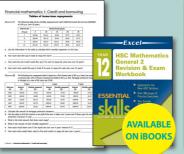
**Preliminary Mathematics Revision & Exam Workbook Year 11** 



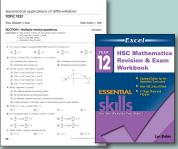
**Preliminary Mathematics General Revision & Exam** Workbook Year 11



**HSC Mathematics General 2 Revision & Exam Workbook Year 12** 



**HSC Mathematics Revision & Exam Workbook Year 12** 





# 4 EASY WAYS TO ORDER



MAIL

PO Box 250 Glebe NSW 2037



FAX

02 8585 4001



E-MAIL

info@pascalpress.com.au



**WEB** 

www.pascalpress.com.au Enter coupon code:

**TEACHER25** to save 25% on all *Excel* titles

SAVE
25%
ON
YOUR

OFFER ENDS 31 December 2017

ORDER!

(All prices include GST and are subject to change without notice.)

TITLE	ISBN	RRP	SALE	QTY		
EXCEL ESSENTIAL SKILLS	EXCEL ESSENTIAL SKILLS					
Year 7 Mathematics Revision & Exam Workbook	9781741251517	<del>\$18.95</del>	\$14.21			
Year 7 Mathematics Extension Revision & Exam Workbook	9781740203159	<del>\$18.95</del>	\$14.21			
Year 8 Mathematics Revision & Exam Workbook	9781740200332	\$18.95	\$14.21			
Year 8 Mathematics Extension Revision & Exam Workbook	9781740203166	<del>\$18.95</del>	\$14.21			
Year 9 Mathematics Revision & Exam Workbook	9781741252712	<del>\$18.95</del>	\$14.21			
Year 9 Mathematics Extension Revision & Exam Workbook	9781740200349	<del>\$18.95</del>	\$14.21			
Year 10 Mathematics Revision & Exam Workbook	9781741255669	<del>\$18.95</del>	\$14.21			
Year 10 Advanced Mathematics Revision & Exam Workbook	9781741255676	<del>\$18.95</del>	\$14.21			
Year 7 Problem Solving Workbook	9781741254075	<del>\$18.95</del>	\$14.21			
Year 8 Problem Solving Workbook	9781741254358	<del>\$18.95</del>	\$14.21			
Year 9 Problem Solving Workbook	9781741255706	<del>\$18.95</del>	\$14.21			
Year 10 Problem Solving Workbook	9781741255713	<del>\$18.95</del>	\$14.21			
Years 7–8 Step-by-Step Algebra 1 Workbook	9781740200400	<del>\$18.95</del>	\$14.21			
Years 8–10 Step-by-Step Algebra 2 Workbook	9781740200417	<del>\$18.95</del>	\$14.21			
Years 9–11 Step-by-Step Algebra 3 Workbook	9781740200424	<del>\$18.95</del>	\$14.21			
Year 7 The Complete Fractions Workbook	9781740200431	<del>\$18.95</del>	\$14.21			
Years 6–7 Non-Calculator Workbook <b>NEW</b>	9781741255911	<del>\$18.95</del>	\$14.21			
Years 6–7 Calculator Workbook <b>NEW</b>	9781741255928	<del>\$18.95</del>	\$14.21			
Years 8–9 Non-Calculator Workbook <b>NEW</b>	9781741255935	<del>\$18.95</del>	\$14.21			
Years 8–9 Calculator Workbook <b>NEW</b>	9781741255942	<del>\$18.95</del>	\$14.21			
EXCEL NAPLAN*						
Year 7 Revise in a Month NAPLAN*-style Tests	9781741252095	<del>\$29.95</del>	\$22.46			
Year 9 Revise in a Month NAPLAN*-style Tests	9781741252101	<del>\$29.95</del>	\$22.46			
Year 7 NAPLAN*-style Tests	9781741251937	<del>\$24.95</del>	\$18.71			
Year 9 NAPLAN*-style Tests	9781741251944	<del>\$24.95</del>	\$18.71			
Year 7 NAPLAN*-style Numeracy Tests	9781741253610	<del>\$19.95</del>	\$14.96			
Year 9 NAPLAN*-style Numeracy Tests	9781741253627	<del>\$19.95</del>	\$14.96			
EXCEL TEST ZONE NAPLAN*						
Year 7 NAPLAN*-style Test Pack	9781741254945	<del>\$19.95</del>	\$14.96			
Year 9 NAPLAN*-style Test Pack	9781741254952	<del>\$19.95</del>	\$14.96			
EXCELTESTS						
Year 7 Mathematics Practice Tests COMING SOON	9781741256345	<del>\$24.95</del>	\$18.71			

TITLE	ISBN	RRP	SALE	
Year 8 Mathematics Practice Tests	9781741256352	<del>\$24.95</del>	\$18.71	
Year 9 Mathematics Practice Tests	9781741256369	<del>\$24.95</del>	\$18.71	
Year 10 Mathematics Practice Tests	9781741256376	<del>\$24.95</del>	\$18.71	
EXCEL SMARTSTUDY				
Year 7 SmartStudy Mathematics	9781741254662	<del>\$24.95</del>	\$18.71	
Year 8 SmartStudy Mathematics	9781741254747	\$24.95	\$18.71	
Year 9 SmartStudy Mathematics	9781741254754	\$24.95	\$18.71	
Year 10 SmartStudy Mathematics	9781741254761	\$24.95	\$18.71	
Year 10 SmartStudy Advanced Mathematics	9781741254778	\$24.95	\$18.71	
EXCEL STUDY GUIDES				
Year 7 Step-by-Step Maths	9781741251524	\$36.95	\$27.71	
Year 7 Mathematics Study Guide	9781741250060	\$34.95	\$26.21	
Year 8 Mathematics Study Guide	9781741250077	<del>\$34.95</del>	\$26.21	
Years 9–10 Mathematics Study Guide	9781741254792	<del>\$34.95</del>	\$26.21	
Years 9–10 Advanced Mathematics Study Guide	9781741252415	\$34.95	\$26.21	
EXCEL PRELIMINARY STUDY GUI	DES			
Year 11 Preliminary Mathematics General	9781741253979	<del>\$34.95</del>	\$26.21	
Year 11 Preliminary Mathematics	9781740202558	\$34.95	\$26.21	
Year 11 Preliminary Maths Extension 1	9781740202787	\$34.95	\$26.21	
EXCEL SUCCESS ONE HSC				
Excel Success One HSC Mathematics 2017 Edition <b>NEW</b>	9781741256420	\$ <del>37.95</del>	\$28.46	
Excel Success One HSC Mathematics Extension 1 2017 Edition <b>NEW</b>	9781741256437	<del>\$37.95</del>	\$28.46	
Excel Success One HSC Mathematics General 2 2017 Edition <b>NEW</b>	9781741256444	<del>\$37.95</del>	\$28.46	
EXCEL HSC STUDY GUIDES				
Year 12 HSC Mathematics (with HSC cards)	9781741252514	\$39.95	\$29.96	
Year 12 HSC Mathematics General 2	9781741254600	\$39.95	\$29.96	
Year 12 HSC Maths Extension 1 (with HSC cards)	9781741251760	<del>\$34.95</del>	\$26.21	
Year 12 HSC Maths Extension 2	9781740202602	\$36.95	\$27.71	
EXCEL ESSENTIAL SKILLS HSC &	PRELIMINARY	WORKB	оокѕ	
Year 11 Preliminary Mathematics Revision & Exam Workbook	9781741250237	<del>\$24.95</del>	\$18.71	
Year 11 Preliminary Mathematics General Revision & Exam Workbook	9781741253986	<del>\$29.95</del>	\$22.46	
Year 12 HSC Mathematics General 2 Revision & Exam Workbook	9781741254617	<del>\$29.95</del>	\$22.46	
Year 12 HSC Mathematics Revision & Exam Workbook	9781741250107	<del>\$24.95</del>	\$18.71	
				_

\*This is not an officially endorsed publication of the NAPLAN program and is produced by Pascal Press independently of Australian governments.

★ For orders over \$1,000 please contact us on info@pascalpress.com.au for a special discount.

FAX TO PASCAL PRESS ON 02 8585 4001					
☐ Please invoice my school order #	☐ Please charge as a personal payment PERSONAL PAYMENT DETAILS				
DELIVERY DETAILS					
Name:	Personal payment by:	☐ Cheque/Money order (payab	le to Blake Education)		
Position at school:	Please charge my:	☐ VISA ☐ Mastercard			
Address:	Credit card number:				
City: State/Territory: Postcode:	_				
Phone: ( ) Fax: ( )	Cardholders name (please print)		Expiry date MM/Y		
Email:			2224		
☐ Tick this box to receive special offers via email.	Signature:	CVV	ABN 27 003 848 628		

Pascal Press PO Box 250 Glebe NSW 2037 Phone: 02 8585 4044 Fax: 02 8585 4001 e: info@pascalpress.com.au www.pascalpress.com.au All orders will incur a \$7.95 freight charge. Offer is not available in conjunction with any other offer. Prices may change at any time. Offer ends 31 December 2017.