

# Pearson Mathematics

## Third Edition

Simplified teaching, energised learning for the Australian Curriculum Mathematics years 7–10

Lesson 100% Completed

### 2.1 Add and subtract algebraic fractions

#### Question View

Student	Score	1	2	3	4	5
Charlie Pickering	67%	●	●	●	●	●
Archie Jones	22%	●	●	●	●	●
Mary Jane	33%	●	●	●	●	●
Melanie Granger	56%	●	●	●	●	●
Peter Figer	22%	●	●	●	●	●
Dorah Peters						
Harry Murphy						
Jimmy Wilson						

### Explore the properties of quadrilaterals using congruent triangles

#### Introduction

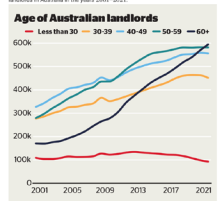
- SC 1: I can establish properties of quadrilaterals using congruent triangles
- SC 2: I can prove congruence in pairs of triangles to determine unknown side lengths or angles in symmetrical quadrilaterals
- SC 3: I can draw diagrams identifying the main properties of quadrilaterals including side lengths, parallel sides, angles, diagonals and symmetry

Lesson review

#### Practices

Complete the following exercise questions in your notebook.

- The following graph appeared in the print media and shows the trend in the age of landlords in Australia in the years 2001–2021.



Note from The Age article: 'Age of landlords is only one from property boom' 17 July 2021.

Pearson  
Secondary  
Teaching Hub

PEARSON  
Mathematics  
STUDENT BOOK | 3RD EDITION

7



PEARSON  
Mathematics  
STUDENT COMPANION

7



Mathematics

STUDENT COMPANION

# How do we simplify teaching?

Using Australian teacher feedback we've built a simple-to-use hub of lesson content for the whole Australian Curriculum Maths years 7-10

## Simplified lesson planning and reporting

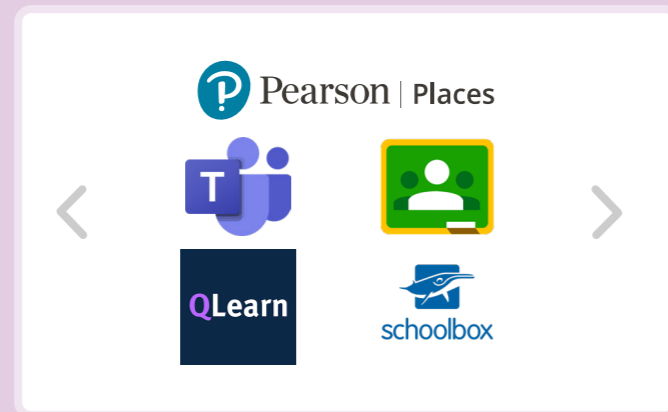
Lesson planning is as simple as browse, save and teach in just a few clicks. Then automatic reporting shows you class results or student level auto-corrected responses to give you real-time feedback before, during or after lessons.

Student	Score	1	2	3	4	5	6	7	8	9
Charlie Pickering	67%	●	●	●	●	●	●	●	●	●
Anthe Jones	22%	●	●	●	●	●	●	●	●	●
Mary Jane	33%	●	●	●	●	●	●	●	●	●
Melanie Granger	56%	●	●	●	●	●	●	●	●	●
Peter Piper	22%	●	●	●	●	●	●	●	●	●
Scott Peters										
Harry Murphy										
Jimmy Wilson										

Lesson planning in a few clicks, save and assign to your class then access results simply to see how the class, or an individual, performs.

## Easy setup and integration

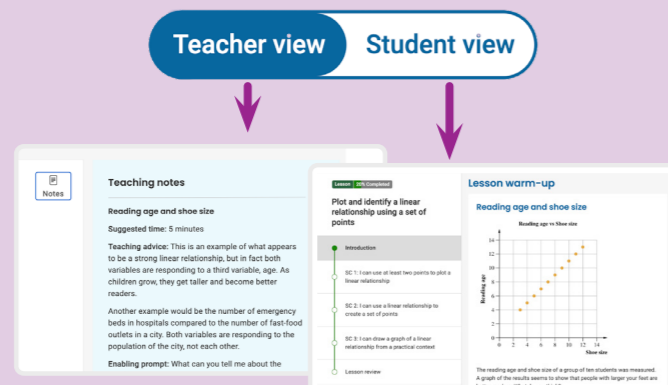
Integrate with your LMS or access directly through Pearson Places to assign simply to your class. We have prioritised ease of access to help with your lesson plan setup, and student assigning functionality.



Using LTI technology we integrate with MS Teams, Google Classroom, Schoolbox, QLearn (Department of Education Qld) and more.

## A huge bank of teacher support

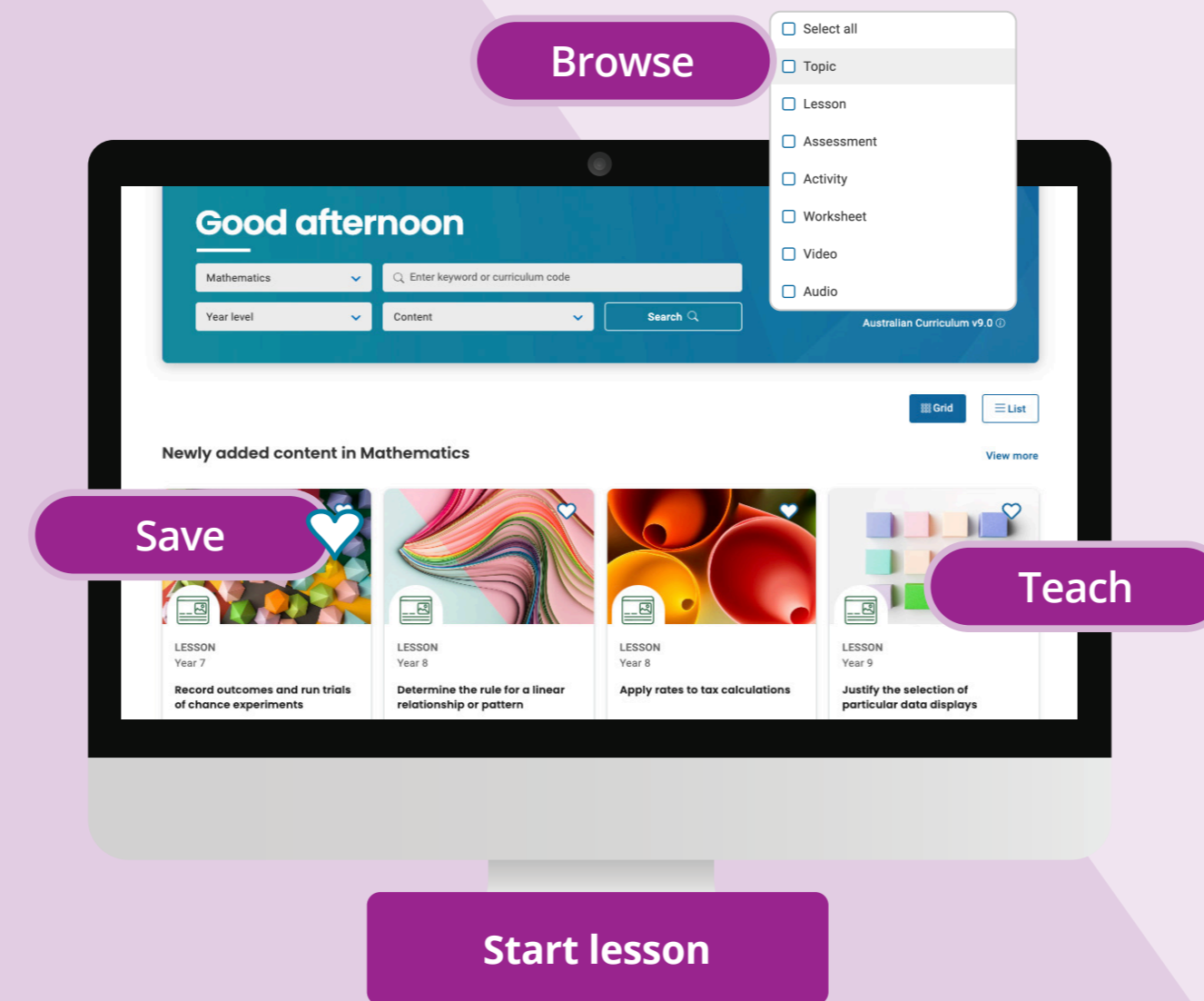
Access teacher resources in context of each lesson including hints, worked solutions, and downloadable teacher support including teaching programs, topic tests and student companion answers.



Toggle between student view and teacher view in a lesson to see teaching notes in context. In this lesson starter we provide advice and prompts to get the students going with the activity.

# What's new in Pearson Mathematics?

Pearson Mathematics 3E has been rewritten for the Australian Curriculum 9.0 and introduces the **Pearson Teaching Hub** – a one-of-a-kind digital product designed to simplify teaching and energise learning, with **high quality content** created by **experienced Australian educators** that know how to engage students with the perfect mix of **online and offline learning** with associated Student Books and Student Companions.

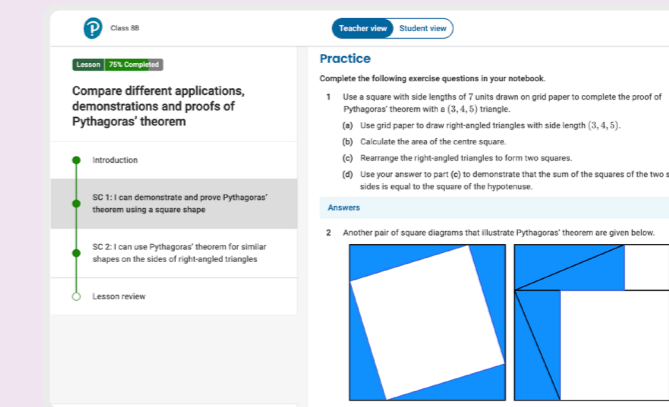


Start lesson

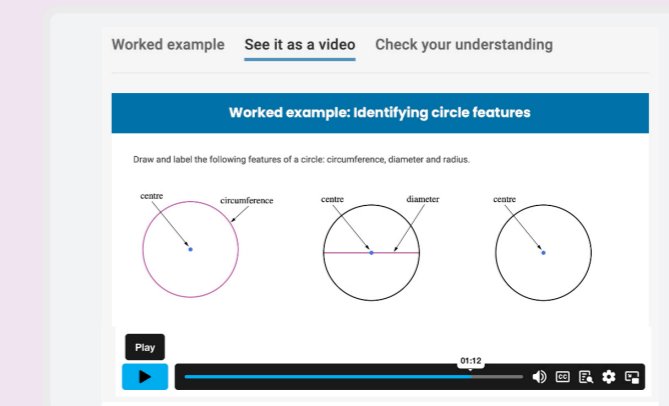
Schedule a demo at [pearson.com/en-au/schools/maths-ac](https://pearson.com/en-au/schools/maths-ac)

# How do we energise learning?

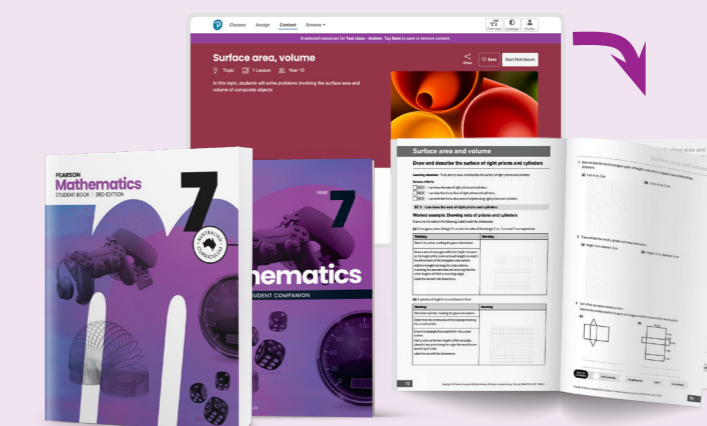
We energise learning with engaging content including videos, worksheets, auto-correcting questions, worked examples and more with the perfect mix of online offline resources.



Over 400 lessons mapped to 15-20 topics per year level across years 7-10, structured to support learning intentions and success criteria to help planning and clarify learning goals for students.



1000 worked examples each with a video explainer and up to 3 'check your understanding' auto-correcting questions, plus hundreds of integrated ClickView videos.



Teach the lesson in the Hub, or using the Student Book. Then work through questions and practice in the Student Companion, or use a flipped classroom model - the choice is yours.

## Quality content created by expert Australian educators

Created with over 30 content creators with experience in Australian Mathematics teaching and learning with best practice lesson design to support the most effective and current pedagogical practices.

## Thousands of content assets in engaging formats

We 'chunk' content into different formats using the *read a little do a little* approach to support learning, with so many options to engage across video, worked examples, downloadable worksheets and much, much more.

## The perfect mix of online and offline content

The Hub is integrated with the offline Student Books and Student Companions that work alongside lessons in the teaching hub for offline teaching and to practice and consolidate learning, in-class or for homework.

# Review our detailed feature list

Pearson Mathematics 3E with the Pearson Secondary Teaching Hub is the only solution that provides simplified teaching with energised learning for the whole curriculum.

## Simplified teaching

### Full curriculum coverage

- ✓ Full Australian Curriculum v9.0 Mathematics coverage for Years 7-10 written from the ground up
- ✓ Mapped to Australian Curriculum v8.4 for schools still in transition
- ✓ Access full year 7-10 content to use for differentiation as required

### Simplified lesson planning

- ✓ No other platform integrates as many lessons and resources in such an easy to use interface
- ✓ One-click 'save to class' to plan lessons quickly
- ✓ Browse by curriculum code, subject, year level, content format and keywords to find what you need in minutes
- ✓ Lesson scope and sequence as a base for new lesson plans

### Easy to use assessment and reporting

- ✓ Over 4000 auto-correcting assessment questions
- ✓ Access to the Pearson Diagnostic assessment tool with 65 pairs of quizzes and over 500 targeted activities generated as Individual Learning Plans to upskill students
- ✓ Class-level reports to see performance across lessons and topics
- ✓ Report at individual student level to assess performance

### Teacher support within lesson context

- ✓ Toggle teacher and student view for teacher notes and prompts
- ✓ Lesson warm-ups with enabling and extending prompts
- ✓ Common misconceptions and remediation
- ✓ Hints, focus points and extending prompts support differentiation

### Downloadable teacher support

- ✓ Teaching programs
- ✓ Student Companion pages and answers
- ✓ Topic tests and answers

### Simple setup and integration

- ✓ Ready to go integration with Microsoft Teams, Google Classroom, QLearn and Schoolbox
- ✓ LTI 1.3 compliant to integrate easily with most LMS providers
- ✓ Access direct through Pearson Places for simple getting started without IT required

## Energised learning

### Quality content created by expert educators

- ✓ Written by more than 30 experienced Australian Mathematics educators
- ✓ Lesson design has been created to support Australian teachers deliver high impact teaching
- ✓ Well-known Pearson Mathematics series best practice approach updated, rewritten and integrated
- ✓ Printed write-in student companions consolidate learning and linked to every digital lesson

### Thousands of content assets in engaging formats

- ✓ 400 lessons mapped to 15–20 topics per year level across 7–10
- ✓ 1000 worked examples, each with a video explainer, up to 3 auto-correcting questions and a matching print 'try it yourself' in the Student Companion
- ✓ Hundreds of ClickView videos (require subscription) to engage students in lessons
- ✓ 30 interactive Desmos activities

### Clear progress and formative assessment

- ✓ Over 400 Learning intentions and 1000 success criteria help clarify learning goals for students in their journey to mastery
- ✓ Lessons support spatial predictability ensuring there's no barrier to learning
- ✓ Formative auto-assessment for every success criteria in 'Check your understanding' and 'Lesson review' questions.
- ✓ Real-time assessment data gives students and teachers immediate feedback

An unmatched variety of **quality lesson content** and **assessment options** with the perfect mix of **online and offline learning**



# Pricelist

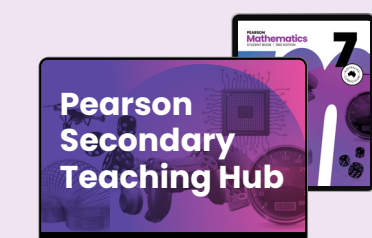
Available now

**NEW**

## Digital Only Bundle

Includes:

- Pearson Teaching Hub
- Pearson Mathematics eBook

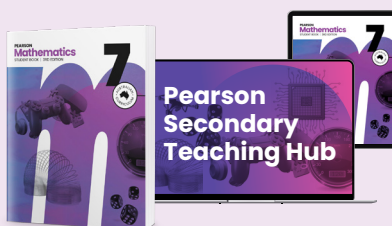


**\$49.95 per student**

## Print & Digital Bundle

Includes:

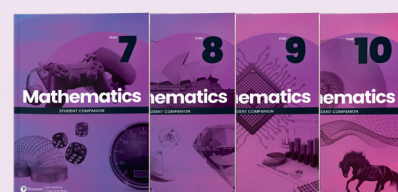
- Pearson Maths Student book
- Pearson Teaching Hub
- Pearson Mathematics eBook



**\$69.95 per student**

## Student Companions

Write-in books linked to every lesson in Teaching Hub for practice and homework



**\$19.95 each**

## Your essential resource for AC Mathematics

When your school adopts *Pearson Secondary Teaching Hub*, teachers are given free access to the digital hub and students can purchase their digital subscription and student companion books via Pearson or your school's bookseller.

ISBN	Pearson Secondary Teaching Hub components	Student price
<b>Digital Only (Includes Pearson Teaching Hub and a back-up eBook)</b>		
9780655718789	Pearson Mathematics 7 Teaching Hub	<b>\$49.95</b> Annual subscription
9780655718796	Pearson Mathematics 8 Teaching Hub	<b>\$49.95</b> Annual subscription
9780655718802	Pearson Mathematics 9 Teaching Hub	<b>\$49.95</b> Annual subscription
9780655718819	Pearson Mathematics 10 Teaching Hub	<b>\$49.95</b> Annual subscription
<b>Blended Print &amp; Digital (Includes Student Book, Pearson Teaching Hub and a back-up eBook)</b>		
9780655718864	Pearson Mathematics 7 (3rd edition) Student Book & Hub	<b>\$69.95</b> Annual subscription
9780655718871	Pearson Mathematics 8 (3rd edition) Student Book & Hub	<b>\$69.95</b> Annual subscription
9780655718888	Pearson Mathematics 9 (3rd edition) Student Book & Hub	<b>\$69.95</b> Annual subscription
9780655718895	Pearson Mathematics 10 (3rd edition) Student Book & Hub	<b>\$69.95</b> Annual subscription
<b>Student Companion Books</b>		
9780655713821	Year 7 Mathematics Student Companion	<b>\$19.95</b> Printed book
9780655713838	Year 8 Mathematics Student Companion	<b>\$19.95</b> Printed book
9780655713845	Year 9 Mathematics Student Companion	<b>\$19.95</b> Printed book
9780655713852	Year 10 Mathematics Student Companion	<b>\$19.95</b> Printed book



Schedule a demo at [pearson.com/en-au/schools/maths-ac](https://pearson.com/en-au/schools/maths-ac)