## Primary Maths

NEW

# Stay on target with Australia's §UPDATED favouribe Maths program! 



Targeting AC \& NSW Maths


Targeting Mental Maths


Catch-Up Maths Books A \& B


Targeting Guides - FREE-to-Download PDF


Targeting Maths Problem Solving

PASCAL PRESS

## Contente $N=W$ UPDATED <br> Editions!

## Targeting Mental Maths

Targeting Mental Maths builds students' mental strategies with this thorough and comprehensive mental maths strategy program. Problem solving is integrated with regular end of unit challenges.

## Targeting Maths AC

The national series has been fully updated to align with the NEW Version 9 Australian Curriculum and the program is supported by FREE-to-Download PDF Teacher Guides. The new editions focus on Visible Learning, the addition of Mastery Checklists for every unit of work, more calculation strategies, hands-on activities as well as reasoning and communication tasks. Fully-integrated Problem Solving is also heavily featured to help build the ability to think mathematically.

## Targeting Maths NSW

The NSW editions have been fully updated to align with the NEW NESA Syllabus and the program is supported by FREE-to-Download PDF Teacher Guides for every year level.
The new editions focus on Visible Learning, the addition of Mastery Checklists for every unit of work, more calculation strategies, hands-on activities as well as reasoning and communication tasks. Fully-integrated Problem Solving is also heavily featured to help build the ability to think mathematically.

## Targeting Maths Problem Solving <br> 7-8

In the real world, mathematics is used to reason, plan, and solve problems. But for many people, problem solving remains difficult and a mystery. The Targeting Maths Problem Solving series unravels the mystery by teaching the key strategies needed to discover the solutions.

## Catch-Up Maths

Catch-Up Maths has been written for students struggling with their year-level maths. It takes maths topics back to the foundation and ensures that all basic concepts are consolidated. Lots of revision and opportunities to practice and build confidence are offered, before moving on to new concepts. Both Book A - Number \& Algebra and Book B - Measurement \& Space are aligned to the Australian Curriculum and supported with comprehensive tutorial videos.

Stay on target with Australia's favouribe Maths program!

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Stay on target with Australia's favourite Maths program!

# NEW UPDATED Editions! 



The new editions are fully updated and have all the features that educators love about Targeting Mental Maths.

When children can solve problems in their heads, they feel more confident in their own abilities. The development of mental computation progresses through a range of strategies that can be improved by regular practice. The Targeting Mental Maths series targets the structured development of the children's mental maths strategies.

Each double-page weekly unit includes an explanation and practice of a specific mental strategy alongside sets of focused questions that reinforce important basic facts. The Problem of the Week is a motivating problem that gets children thinking and applying their mathematical skills.

Targeting Mental Maths is the perfect companion to Targeting Maths.


# AC Targeting Maths 

 to the NEWV9 Australian to the NEW
V9 Australian Stay on target with Australia's favourite Maths program! - Curriculum


Targeting Maths is a proven program used in Australian schools and incorporates feedback from hundreds of teachers.

Used in thousands of schools across Australia, Targeting Maths includes engaging full-colour page layouts with real-life examples and structured development of mental calculation strategies.

As the new Maths curriculum is introduced for the 2024 school year, we are excited to announce this update to Australia's favourite maths program for Foundation to Year 6.

- Aligned to the new Australian Curriculum version 9.0
- New topics including fractions of length
- More calculation strategies
- More activities
- More reasoning and communicating tasks
- Updated problem-solving pages


Year 2


AC Targeting Teacher Guides
The Teacher Guides fully support the Targeting Maths Australian Curriculum (Version 9) student books. They include assessment worksheets, year planners, posters, engaging ideas to teach and discuss maths concepts, as well as all answers. All are available as a FREE-to-Download PDF to support teachers delivering the Targeting Maths Program while adhering to the NEW Curriculum V9.


## NSW Targeting Maths imparis to the NEW NESA Syllabus <br> Stay on target with Australia's favourite Maths program!



Targeting Maths is a proven program used in Australian schools and incorporates feedback from hundreds of teachers.

Used in thousands of schools across Australia, Targeting Maths includes engaging full-colour page layouts with real-life examples and structured development of mental calculation strategies.

As the new Maths syllabus is introduced for the 2024 school year, we are excited to announce this update to Australia's favourite maths program for Kindergarten to Year 6.

- Aligned to the new NSW Syllabus
- New topics including fractions of length
- More calculation strategies
- More activities
- More reasoning and communicating tasks
- Updated problem-solving pages

Comparing numbers to 20
I How many? Tick $\sqrt{ }$ the larger number.


2 Colour the larger number.


16 $\square$

3 Colour the smallest number.



Complete.


- 5 c
five
$\square$ cents


Challenge! How many ways can you make 50c?

Order numbers to 20
Write the numbers in order.


5 What number comes


Kindergarten


Year 1


NSW Targefing Teacher Guides
The Teacher Guides fully support the Targeting Maths NSW NESA Syllabus student books. They include assessment worksheets, year planners, posters, engaging ideas to teach and discuss maths concepts, as well as all answers. All are available as a FREE-to-Download PDF to support teachers delivering the Targeting Maths Program while adhering to the NEW NESA Syllabus.


SCAN ME


# Tapgeting maths PROBLEM SOLVING 



In the real world, mathematics is used to reason, plan and solve problems. But for many people, problem solving remains difficult and a mystery. This can change if the processes and strategies for solving problems are made explicit and taught well. Targeting Maths Problem Solving has been designed to help students become confident problem solvers who develop a deep understanding of mathematics through reasoning and mathematical thinking.

The maths problem-solving strategies explored in this series are:

- Understand and draw the problem
- Identify the steps and choose and operation
- Make a model and use Guess, Check and Improve
- Spot and use patterns

Make an organised list and work systematically

- Every unit includes an open-ended investigation that encourages students to think beyond 'right answers only' and review questions to check that they can apply the strategy in new contexts.
- Answers are included at the back of the book.

Rolling the dice Use two dice and make a scorecard that has the numbers $1,2,3,4,5$ and 6 . Roll the dice.
For each roll, you can cross off the number that show on the dice as well as the numbe hat is the total of the two dice numbers.


Investigate
1- $\star$ How many times will you need to roll the dice to cross off all the numbers 1 to 6?
$\star$ Predict the number of rolls needed and then test your prediction before
you get started.
Does it always the same number of rolls? Explain why or why not
$\square$
2 相 $\star$ What could the dice numbers be in the first three rolls for you to be able to cross off 1 to 6 with just three rolls?


[^0]
## Decopating cupcakes

## Chef has 3 bags of jellybeans to decorate cupcakes. Each bag contains 10 jellybeans. She wants to put at least 3 jellybeans on each cupcake, but no more the "he also wants the cupcakid I make?" she asks. "I know

 "How many cupcakes could I make? s, but I am too there is more than onebusy to think about it.

Investigate

1. $\star$ Find out how many jellybeans Chef has that she must use

* Show your number sentence for each one
$\square$

$$
\begin{aligned}
& \frac{1}{2} \star \text { Now explore some possibilities for the solution. There is more than one } \\
& \text { possibility. }
\end{aligned}
$$




PGETING MATHS PROBLEM SOLVING YR 3 @ PASCAL PRESS ISBN 9781925726305

## Recommended

 support material:

## Idantify the steps and choose an operation

In problem solving, there may be two or
more steps required to solve the problem. At and in $3+?=7$ the change is unknown each step, an operation $(+,-, x, \div)$ must be identified to solve that part of the problem. In this unit, you will learn how to: Sometimes, there are unknowns in a - identify the steps in a problem problem. In $3+4=$ ? the

- identity what is unknown
- match an operation to each step.

EXAMPLE
The table tennis touphament Coach has to make 6 table tennis packs, one for each
round of the tournament She has round of the tournament. She has ordered 2 boxes
of 24 table tennis tubes with 9 balls in each tube Coach wants tures with balls ready to pack into each table tennis pack.

and how many need to be put into
$\star$ Identify the steps and the operations needed.
$\star$ Write the matching number sentences.

I would multiply by 9 first and then double the answer.


First, find out how many balls Coach has ordered.



Next, divide 432 by 6 to find out how many balls to put in each pack


| What do you need to fi |  |
| :---: | :---: |
| $\star$ Identify the steps and operations needed. | Step 1: Work out 3 lots of 25 minutes. $3 \times 25=75 \mathrm{mins}$ |
| $\star$ Write the matching number sentences. | Step 2: Work out how long to mow the lawn and trim edges. $35^{\circ}+15=50 \mathrm{mins}$ |
| The timeline | Step 3: Work out 28 lots of 2 minutes. $28 \times 2=56 \mathrm{mins}$ |
| shows each job quite clearly. | Step 4: Add 20 mins and $\frac{1}{2}$ hour. $20+30=50 \mathrm{mins}$ |
|  | Step 5: Use a timeline to see what time the gardener will finish. |
|  | $\left.\xrightarrow[75 \text { mins }]{2: 20}\right\|_{50 \text { mins }} ^{3: 35} f_{56 \text { mins }}^{4: 25}{ }_{50 \text { mins }}^{5: 21}{ }^{6: 11} \longrightarrow$ |

$\star$ Write the answer sentence.
The gardener will not quite get it done in time and will be
11 minutes late for

## The gapdenep's to-do list

This is the gardener's to-do list with a time guide:

- 3 lots of weeding - 25 minutes each time
- mow the lawn - 35 minutes
- trim the edges $-\frac{1}{4}$ hour
- put in 28 new veggie plants -2 minutes each
- clean up mess and put tools away-20 minutes
go home and shower - $\frac{1}{2}$ hour, ready for dinner at 6 o'clock.
If the gardener starts at 2.20 pm , will it all be done in time? If not, how late will the gardener be?

11 minutes late for aud

# Catchup MATHS 

## Book A - Number \& Algebra

## $100+$

COACHING - VIDEOS!


DEBORAH FRENDO-TOMAN


DEBORAH FRENDO-TOMAN


DEBORAH FRENDO-TOMAN


DEBORAH FRENDO-TOMAN

## Each book contains:

- 10 chapters that teach a separate maths strand eg. Multiplication, Fractions etc.
- Simple, step-by-step explanations of every year-level strand
- Video demonstrations and examples for every topic followed by practice excercises
- Self-checking in all sections
- Reviews with answers for each maths strand
- Answers for all activities

CATCH-UP MATHS is written for students struggling with their year-level maths. It takes maths topics back to the foundation and ensures that all basic concepts are consolidated. Lots of revision and opportunities to practise and build confidence are offered, before moving on to new concepts.

## Book B - Measurement \& Space



DEBORAH FRENDO-TOMAN




DREORAH HENDORTOMAN

## Each book contains:

- 9 chapters that teach a separate maths strand. The chapters are Length, Angles, 2D Shapes, 3D Objects, Area, Volume \& Capacity, Mass, Time and Position
- Simple, step-by-step explanations of every year-level strand
- Video demonstrations and examples for every topic followed by practice excercises
- Self-checking in all sections
- Reviews with answers for each maths strand
- Answers for all activities




# Primary Maths Price List 

## Stay on target with Australia's favourite Maths program!

| TITLE | YEAR | ISBN | RRP | QUANTITY |
| :---: | :---: | :---: | :---: | :---: |
| TARGETING MATHS AUSTRALIAN CURRICULUM EDITION STUDENT BOOKS - New Edition |  |  |  |  |
| Targeting Maths Australian Curriculum Student Book Foundation - New Edition | Foundation | 9781922538925 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 1 - New Edition | Year 1 | 9781922538932 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 2 - New Edition | Year 2 | 9781922538949 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 3 - New Edition | Year 3 | 9781922538956 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 4 - New Edition | Year 4 | 9781922538963 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 5 - New Edition | Year 5 | 9781922538970 | \$20.95 |  |
| Targeting Maths Australian Curriculum Student Book Year 6 - New Edition | Year 6 | 9781922538987 | \$20.95 |  |
| TARGETING MATHS NSW STUDENT BOOKS - New Edition |  |  |  |  |
| NSW Targeting Maths Australian Curriculum Student Book Year K - New Edition | Kindergarten | 9781922538857 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 1 - New Edition | Year 1 | 9781922538864 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 2-New Edition | Year 2 | 9781922538871 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 3 - New Edition | Year 3 | 9781922538888 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 4 - New Edition | Year 4 | 9781922538895 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 5-New Edition | Year 5 | 9781922538901 | \$20.95 |  |
| NSW Targeting Maths Australian Curriculum Student Book Year 6 - New Edition | Year 6 | 9781922538918 | \$20.95 |  |
| TARGETING MENTAL MATHS STUDENT BOOKS - New Edition |  |  |  |  |
| Targeting Mental Maths Australian Curriculum Year 1 - New Edition | Year 1 | 9781922887238 | \$15.95 |  |
| Targeting Mental Maths Australian Curriculum Year 2-New Edition | Year 2 | 9781922887245 | \$15.95 |  |
| Targeting Mental Maths Australian Curriculum Year 3-New Edition | Year 3 | 9781922887252 | \$15.95 |  |
| Targeting Mental Maths Australian Curriculum Year 4 - New Edition | Year 4 | 9781922887269 | \$15.95 |  |
| Targeting Mental Maths Australian Curriculum Year 5-New Edition | Year 5 | 9781922887276 | \$15.95 |  |
| Targeting Mental Maths Australian Curriculum Year 6 - New Edition | Year 6 | 9781922887283 | \$15.95 |  |
| TARGETING MATHS PROBLEM SOLVING ACTIVITY BOOKS |  |  |  |  |
| Targeting Maths Problem Solving - Year 3 | Year 3 | 9781925726305 | \$17.95 |  |
| Targeting Maths Problem Solving - Year 4 | Year 4 | 9781925726312 | \$17.95 |  |
| Targeting Maths Problem Solving - Year 5 | Year 5 | 9781925726329 | \$17.95 |  |
| Targeting Maths Problem Solving - Year 6 | Year 6 | 9781925726336 | \$17.95 |  |
| CATCH-UP MATHS WORKBOOKS |  |  |  |  |
| Catch-Up Maths Number \& Algebra Year 3-Book A | Year 3 | 9781925726121 | \$34.95 |  |
| Catch-Up Maths Number \& Algebra Year 4-Book A | Year 4 | 9781925726145 | \$34.95 |  |
| Catch-Up Maths Number \& Algebra Year 5-Book A | Year 5 | 9781925726169 | \$34.95 |  |
| Catch-Up Maths Number \& Algebra Year 6- Book A | Year 6 | 9781925726183 | \$34.95 |  |
| Catch-Up Maths Measurement \& Space Year 3 - Book B | Year 3 | 9781925726138 | \$34.95 |  |
| Catch-Up Maths Measurement \& Space Year 4-Book B | Year 4 | 9781925726152 | \$34.95 |  |
| Catch-Up Maths Measurement \& Space Year 5-Book B | Year 5 | 9781925726176 | \$34.95 |  |
| Catch-Up Maths Measurement \& Space Year 6-Book B | Year 6 | 9781925726190 | \$34.95 |  |
| RECOMMENDED SUPPORT MATERIAL |  |  |  |  |
| Blake's Maths Guide - Lower Primary | Years 1-3 | 9781742159416 | \$19.95 |  |
| Blake's Maths Guide - Middle Primary | Years 3-4 | 9781742159034 | \$19.95 |  |
| Blake's Maths Guide - Upper Primary | Years 5-6 | 9781742159041 | \$19.95 |  |
| Blake's Maths Problem Solving | Years 3-6 | 9781925490107 | \$19.95 |  |
| Targeting Maths Dictionary | K/F-6 | 9781920728144 | \$12.95 |  |

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