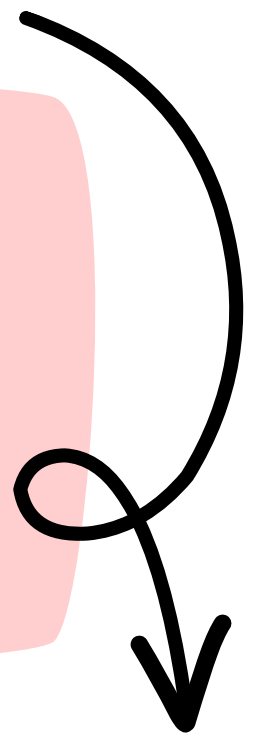


YEAR 3
NUMBER &
ALGEBRA
TEST PACK

Keep scrolling to see
what's included!



ARE YOU READY TO DOWNLOAD TESTS FOR EVERY YEAR 3 NUMBER AND ALGEBRA OUTCOME?

Includes a pre and post-test for all 10 Number and Algebra outcomes

Aligned to the new Australian Curriculum (V9.0)


Includes an editable spreadsheet for you to compare pre and post test results



Outcome	Descriptor	Page
AC9M3N01	recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000	3 & 4
AC9M3N02	recognise and represent unit fractions including $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$ and their multiples in different ways; combine fractions with the same denominator to complete the whole	5 & 6
AC9M3N03	add and subtract two- and three-digit numbers using place value to partition, rearrange and regroup numbers to assist in calculations without a calculator	7 & 8
AC9M3N04	multiply and divide one- and two-digit numbers, representing problems using number sentences, diagrams and arrays, and using a variety of calculation strategies	9 & 10
AC9M3N05	estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations	11 & 12
AC9M3N06	use mathematical modelling to solve practical problems involving additive and multiplicative situations including financial contexts; formulate problems using number sentences and choose calculation strategies, using digital tools where appropriate, interpret and communicate solutions in terms of the situation	13 & 14
AC9M3N07	follow and create algorithms involving a sequence of steps and decisions to investigate numbers, describe any emerging patterns	15 & 16

Outcome	Descriptor
AC9M3A01	recognise and explain the connection between addition and subtraction as inverse operations, partition numbers and find unknown values in number sentences
AC9M3A02	extend and apply knowledge of addition and subtraction facts to 20 to develop efficient mental computation with larger numbers without a calculator
AC9M3A03	recall and demonstrate proficiency with multiplication facts for 3, 4, 5 and 10; extend and apply multiplication facts to develop the related division facts
Answers	

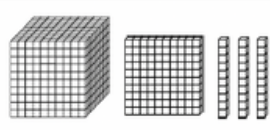
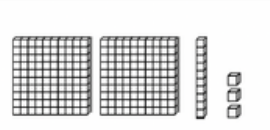
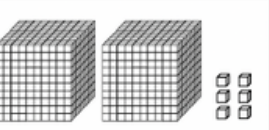
A CLOSER LOOK - TESTS

 **NUMBER** Name: _____ Date: _____

Outcome AC9M3N01: recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000

PRE TEST Term: 1 2 3 4 Week: 1 2 3 4 5 6 7 8 9 10 11

1. Record the numbers that have been represented with base 10 blocks:

a)	b)	c)	3
			

2. Write the following numbers in word form:

a) 8 780: _____

b) 19 452: _____

c) 543 600: _____

3. Write the following words as numbers:

a) Seven thousand two hundred and fifty five: _____

b) Eighty thousand four hundred and ten: _____

c) Nine hundred and ninety thousand six hundred and fifteen: _____

4. Circle the larger number in each pair below:

a) 40 560 or 40 599	b) 9 876 or 11 230	c) 86 223 or 86 030	3
---------------------	--------------------	---------------------	---

5. Order all 6 numbers from question 4 from smallest to largest:

6. Use the 3 clues to find the mystery number: _____

- 58 ones
- 3 ten thousands
- 6 hundreds

2	TOTAL
	15

THE SYDNEY TEACHER

→ Outcome aligned

→ Easily mark and score on the side panel

→ Includes a range of questions that increase in difficulty

A CLOSER LOOK - ANSWERS

NUMBER ANSWERS

Outcome AC9M3N03: add and subtract two- and three-digit numbers using place value to partition, rearrange and regroup numbers to assist in calculations without a calculator

POST TEST Term: 1 2 3 4 Week: 1 2 3 4 5 6 7 8 9 10 11

1. Solve the addition problems, showing all working out in the space provided:

a) $30 + 50 = 80$	b) $37 + 45 = 82$	c) $212 + 489 = 701$	3
			3

d) Peter is saving for a holiday. He saves \$328 in April and \$283 in May. In June he receives \$350 for his birthday. How much does he have saved? \$961

Award 1 mark for some correct working out
Award 2 marks for all correct working

2. Solve the subtraction problems, showing all working out in the space provided:

a) $80 - 20 = 60$	b) $72 - 23 = 49$	c) $522 - 389 = 133$	3
			3

d) Ken has \$348 in his bank account. When he goes to the aquarium he pays a \$46 entry fee as well as \$32 for lunch. How much does he have now? \$270

Award 1 mark for some correct working out
Award 2 marks for all correct working

3. Find the missing digit, showing all your working out in the space provided:

$6 \boxed{8} + 65 = 133$ $133 - 65 = 68$

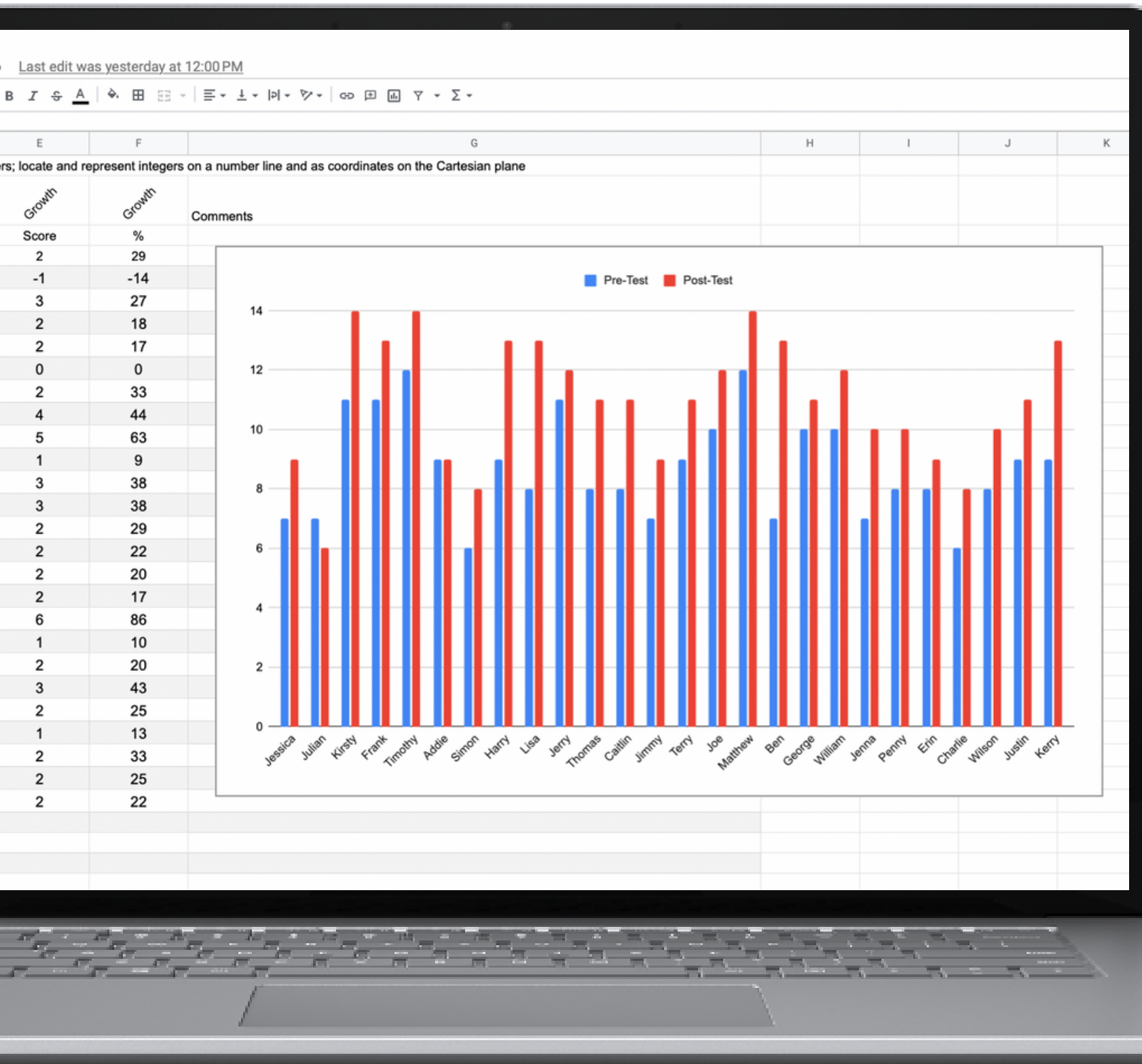
Award 1 mark for some correct working out
Award 2 marks for all correct working

TOTAL	12	12
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→ Answer sheets are provided for all tests

→ Easy to follow marking guideline to ensure consistent teacher judgement across the grade

A CLOSER LOOK - SPREADSHEETS

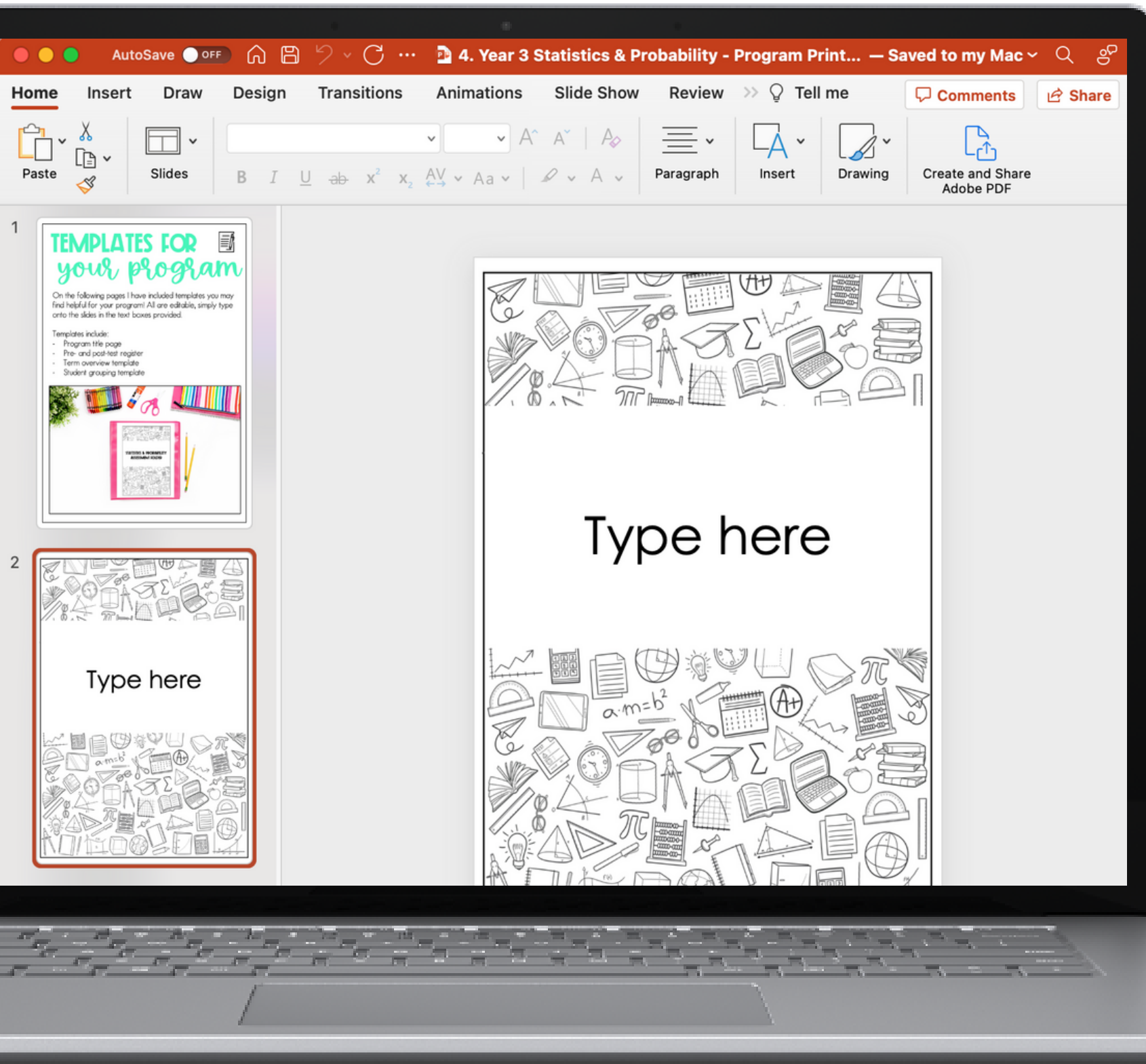


→ Spreadsheets included for every outcome

→ Spreadsheet automatically graphs results

→ The perfect formative and summative assessment tool

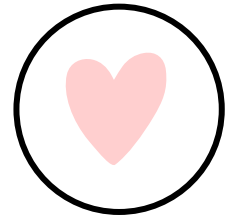
A CLOSER LOOK - PROGRAM DOCS



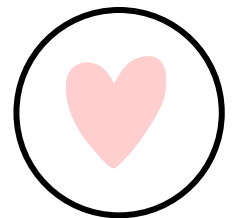
→ Editable title pages for your program

→ Editable program checklists

HOW YOU CAN USE THIS RESOURCE



Use pre-tests at the beginning of each topic to group students and inform teaching



Use post-tests to track growth, evaluate teaching and write reports

NUMBER Name: _____ Date: _____

Outcome AC9M3N04: multiply and divide one- and two-digit numbers, representing problems using number sentences, diagrams and arrays, and using a variety of calculation strategies

PRE TEST Term: 1 2 3 4 Week: 1 2 3 4 5 6 7 8 9 10 11

1. Write multiplication sentences and answers to match the following diagrams:

a)	b)	c)	
			<input type="text"/>
			3

2. Write a number sentence and draw a diagram or array to solve the following:

Word Problem	Number sentence	Diagram/Array	
I have 3 bags with 4 oranges in each. How many are there in total?			<input type="text"/>
I have 2 boxes with 5 books in each. How many are there altogether?			<input type="text"/>

3. Write division sentences and answers to match the following diagrams:

a)	b)	c)	
			<input type="text"/>
			3

4. Write a matching number sentence and draw a diagram or array to solve the following word problems:

Word Problem	Number sentence	Diagram / Array	
I shared 12 cards between 4 friends. How many did each one get?			<input type="text"/>
I divided 6 apples equally into 2 bags. How many are in each bag?			<input type="text"/>

TOTAL	<input type="text"/>
	14

THE SYDNEY TEACHER

WHAT OTHER TEACHERS ARE SAYING!

A fantastic time saving resource. I love that it is aligned to Version 9 of the Australian Curriculum and that the **questions reflect each outcome perfectly and also increase in difficulty.**

The assessment tracking document is a useful tool and clearly shows where more teaching is required. **Thank you for this exceptional resource** that has clearly had a lot of time and thought put into its creation!



I love this bundle! I've been waiting for something like this to show itself and I couldn't be happier that it's here! **All pre and post tests for each standard all in one place WITH answers** 🥰 I am over the moon to finally have this bundle! Thank you thank you thank you 😊

LOOKING FOR
ALL GRADES 3-6?



“

These comprehensive pre and post tests are a life saver for all teachers. Thank you!!

”

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THE SYDNEY TEACHER

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NEW AUSTRALIAN CURRICULUM V9.0

YEAR 3

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YEAR 4

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YEAR 6

NEW AUSTRALIAN CURRICULUM V9.0