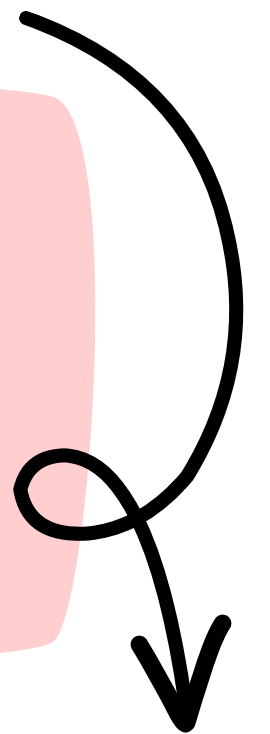


YEAR 3  
STATISTICS &  
PROBABILITY  
TEST PACK

Keep scrolling to see  
what's included!



# ARE YOU READY TO DOWNLOAD TESTS FOR EVERY YEAR 3 STATISTICS AND PROBABILITY OUTCOME?



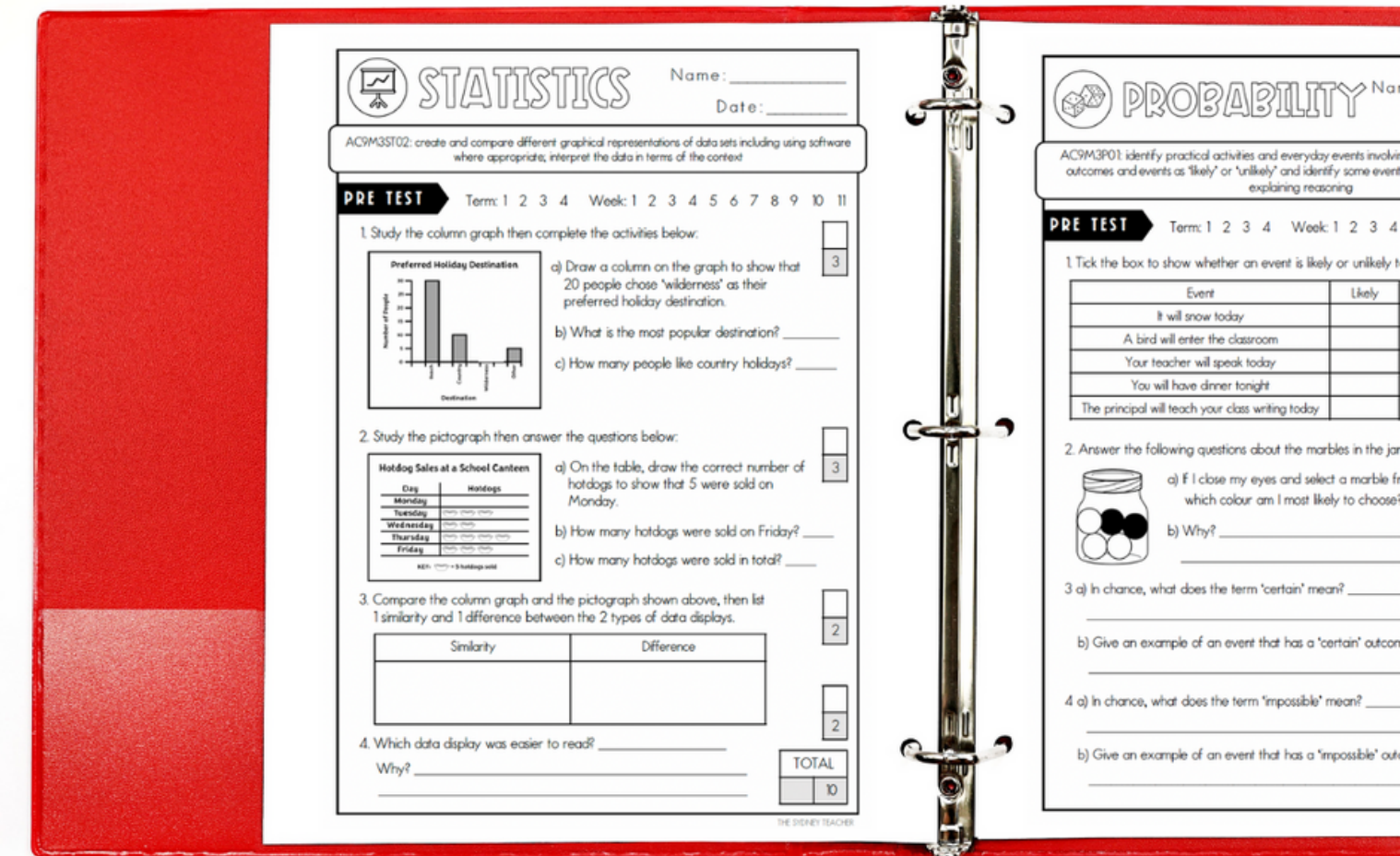
Includes a pre and post-test for all 5 Statistics and Probability outcomes




Aligned to the new Australian Curriculum (V9.0)



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



# A CLOSER LOOK - TESTS

 **PROBABILITY** Name: \_\_\_\_\_ Date: \_\_\_\_\_


AC9M3P01: identify practical activities and everyday events involving chance; describe possible outcomes and events as 'likely' or 'unlikely' and identify some events as 'certain' or 'impossible' explaining reasoning

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

1. Tick the box to show whether an event is likely or unlikely to happen.

Event	Likely	Unlikely
It will snow today		
A bird will enter the classroom		
Your teacher will speak today		
You will have dinner tonight		
The principal will teach your class writing today		

2. Answer the following questions about the marbles in the jar:



a) If I close my eyes and select a marble from the jar, which colour am I most likely to choose? \_\_\_\_\_

b) Why? \_\_\_\_\_

3 a) In chance, what does the term 'certain' mean? \_\_\_\_\_

b) Give an example of an event that has a 'certain' outcome: \_\_\_\_\_

4 a) In chance, what does the term 'impossible' mean? \_\_\_\_\_

b) Give an example of an event that has a 'impossible' outcome: \_\_\_\_\_

TOTAL	
	11

THE SYDNEY TEACHER

→ Outcome aligned

→ Easy marking guide and answer sheets included

→ Includes a range of questions that increase in difficulty

# A CLOSER LOOK - ANSWERS

**STATISTICS** **ANSWERS**

AC9M3ST01: acquire data for categorical and discrete numerical variables to address a question of interest or purpose by observing, collecting and accessing data sets; record the data using appropriate methods including frequency tables and spreadsheets

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

1. Jill rolled a die 10 times. These are the numbers she rolled: 6, 4, 2, 1, 6, 1, 3, 2, 6, 4.

Record the results in the frequency table:

Number	Tally	Frequency
1		2
2		2
3		1
4		2
5		0
6		3

1 mark for each correct row in the table. Both the tally and frequency must be correct for each mark.

2 a) Your teacher will provide you with 10 coloured blocks. Create a frequency table to record the data about your colours.

Colour	Frequency

- 1 mark for drawing a table and including consistent data across the tally and frequency columns  
- 1 mark for recording 10 colours in total, i.e. 3 red, 3 green and 4 yellow.  
- 1 mark for good presentation / a clear systematic layout

b) Write 2 facts about the data you collected:

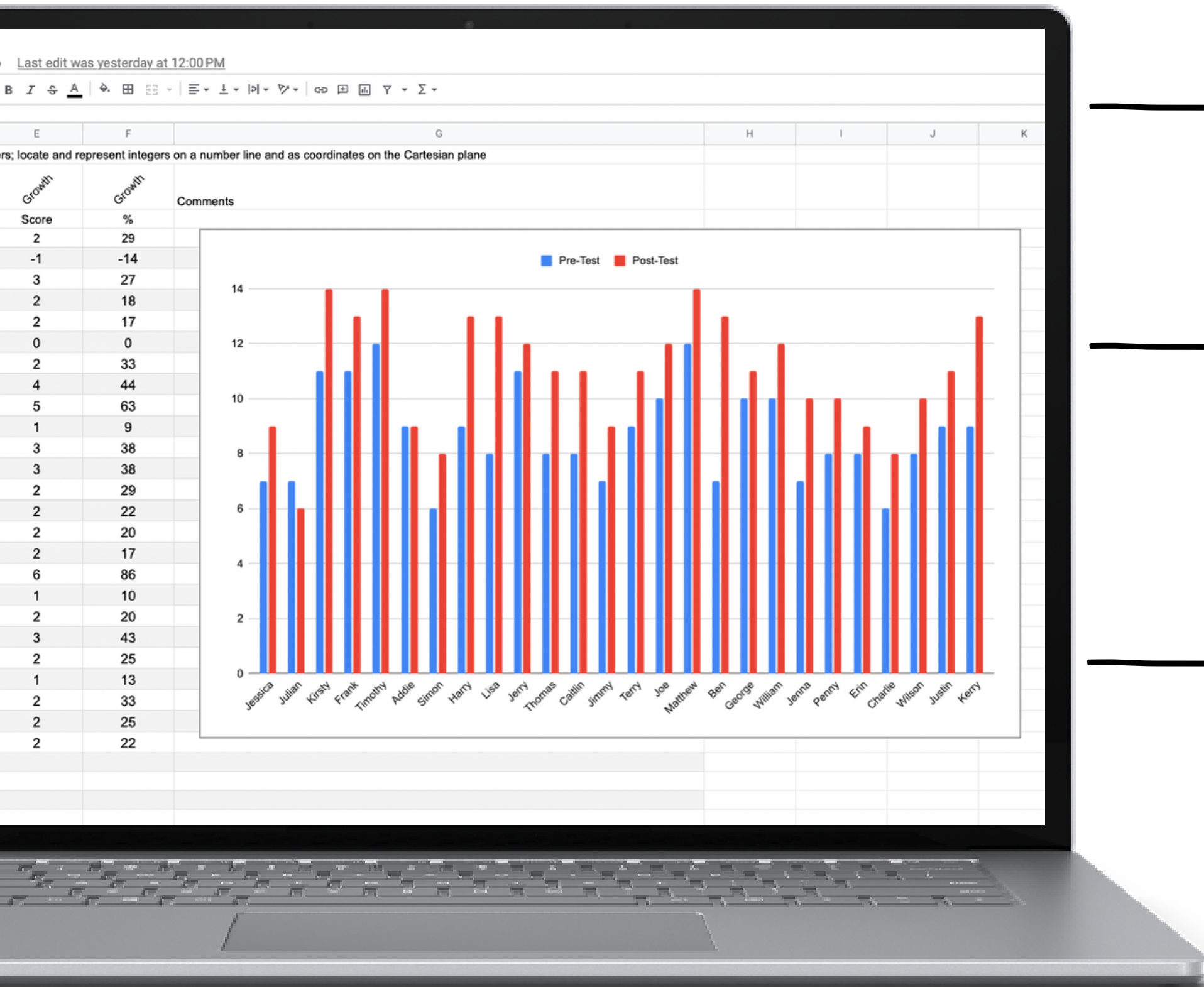
- \_\_\_\_\_  
- \_\_\_\_\_

TOTAL	11
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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

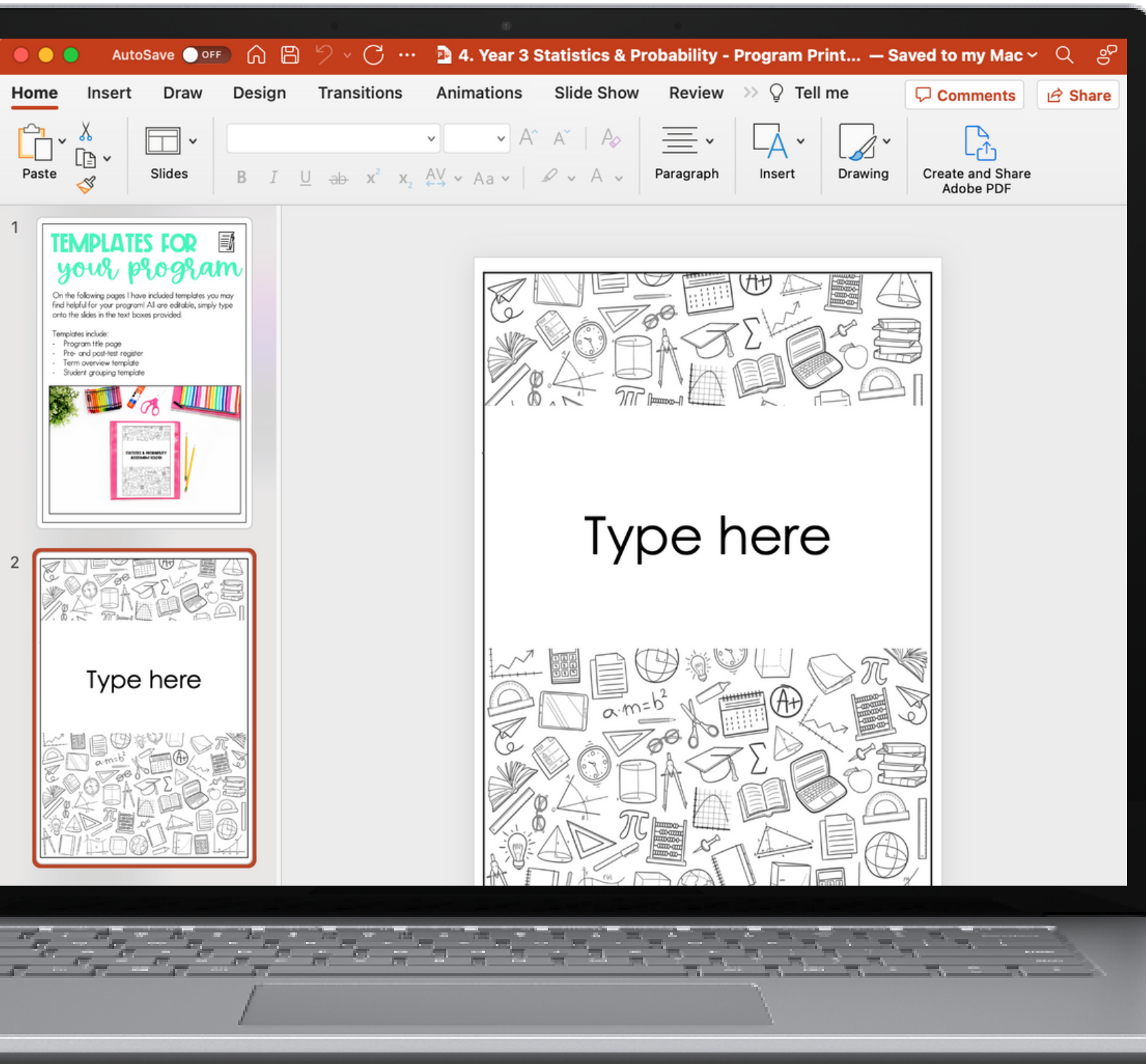


→ Spreadsheets included for every outcome

→ Spreadsheet automatically graphs results

→ The perfect formative and summative assessment tool

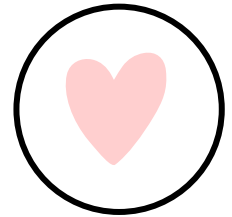
# A CLOSER LOOK - PROGRAM DOCS



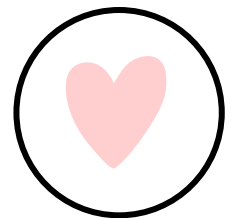
→ Editable title pages

→ 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

**STATISTICS** Name: \_\_\_\_\_ Date: \_\_\_\_\_

AC9M3ST02: create and compare different graphical representations of data sets including using software where appropriate; interpret the data in terms of the context

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

1. Study the column graph then complete the activities below: 3

**Preferred Holiday Destination**

Destination	Number of People
Beach	30
Country	10
Wilderness	20
Other	5

a) Draw a column on the graph to show that 20 people chose 'wilderness' as their preferred holiday destination.

b) What is the most popular destination? \_\_\_\_\_

c) How many people like country holidays? \_\_\_\_\_

2. Study the pictograph then answer the questions below: 3

**Hotdog Sales at a School Canteen**

Day	Hotdogs
Monday	
Tuesday	☺☺☺
Wednesday	☺☺
Thursday	☺☺☺☺☺
Friday	☺☺☺

KEY: ☺ = 5 hotdogs sold

a) On the table, draw the correct number of hotdogs to show that 5 were sold on Monday.

b) How many hotdogs were sold on Friday? \_\_\_\_\_

c) How many hotdogs were sold in total? \_\_\_\_\_

3. Compare the column graph and the pictograph shown above, then list 1 similarity and 1 difference between the 2 types of data displays. 2

Similarity	Difference

4. Which data display was easier to read? \_\_\_\_\_  
Why? \_\_\_\_\_

**TOTAL**  
10

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!!

”

# MATHEMATICS TEST

## *Super Mega Bundle*

THE SYDNEY TEACHER

**COVERS  
ALL 3-6  
OUTCOMES**

**INCLUDES  
188 TESTS**

**BUNDLE &  
SAVE \$\$**

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Includes 46 tests  
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NEW AUSTRALIAN CURRICULUM V9.0

YEAR 3

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YEAR 6

**NEW AUSTRALIAN CURRICULUM V9.0**