

YEAR 6

YEAR LONG

MATHS

BUNDLE

**YEAR 6**  
**YEAR LONG MATHS MEGA BUNDLE**

- ✓ WARM UPS
- ✓ EXIT SLIPS
- ✓ SLIDES
- ✓ ESCAPE ROOMS
- ✓ ACTIVITIES
- ✓ TESTS

**YEAR 6 MATHS ACTIVITY MEGA BUNDLE**  
140+ ACTIVITIES

**YEAR 6 MATHEMATICS TEST MEGA BUNDLE**  
48 PRINTABLE TESTS

**YEAR 6 MATHEMATICS EXIT SLIPS & SLIDES MEGA BUNDLE**

**MATHS ESCAPE ROOM MEGA BUNDLE**  
YEARS 5-6

**YEAR 6 DIGITAL MATHEMATICS TEST MEGA BUNDLE**  
48 DIGITAL TESTS

**30 OPEN-ENDED MATHS WARM UP SLIDES**  
THE SYDNEY TEACHER  
YEARS 4 - 6 WITH INTERACTIVE SPINNER



Keep scrolling to see what's included!

# IMAGINE HAVING EVERY YEAR 6 MATHS OUTCOME COVERED IN ONE READY-TO-USE DOWNLOAD!



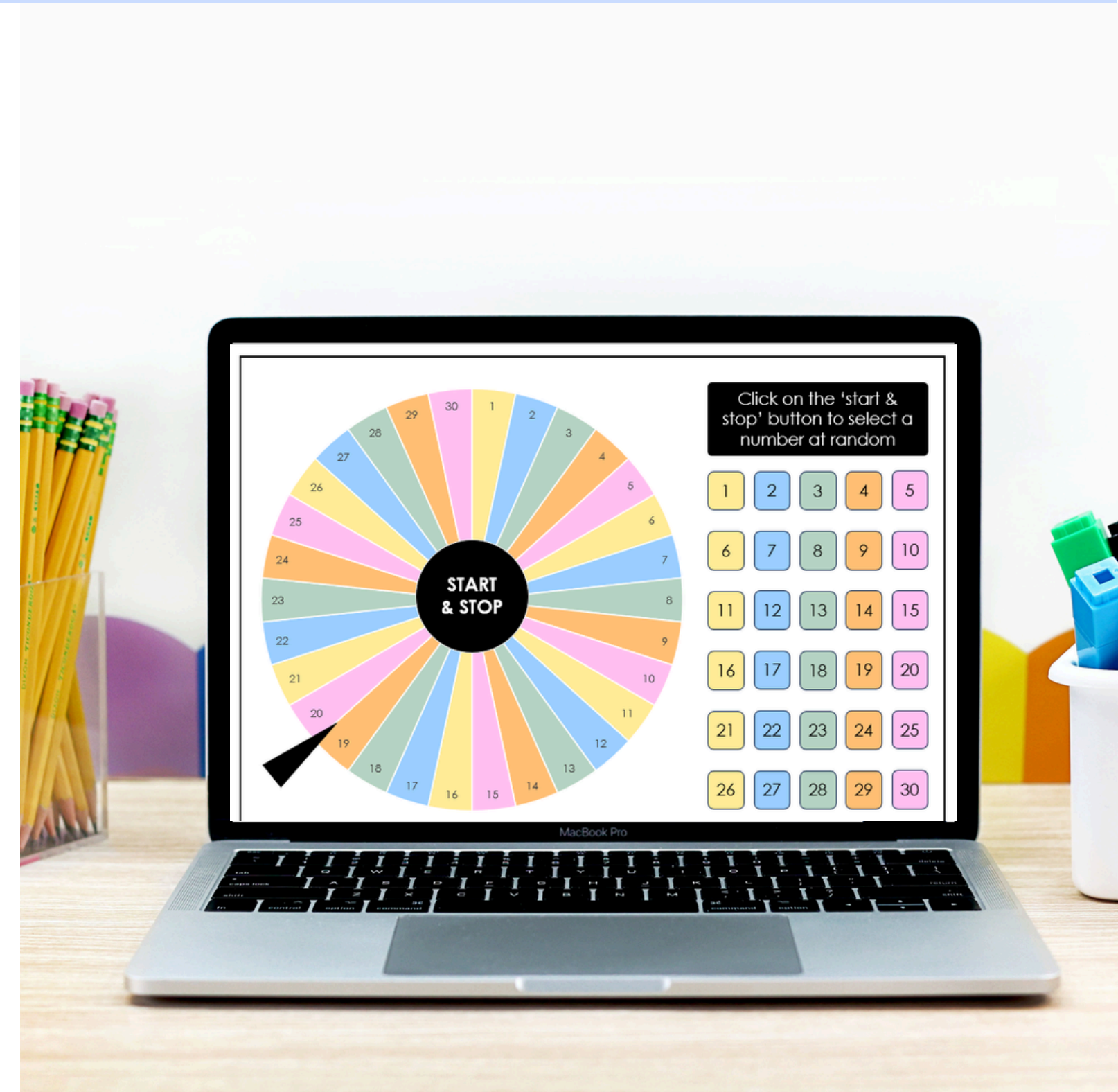
Fully covers all Year 6 Australian Maths Curriculum (V9.0) outcomes in one complete bundle



Differentiated digital and printable resources for flexible teaching



Low-prep, ready-to-use resources that save hours of planning



# INCLUDES ALL THESE AND MORE!

AC9M6M04

## ANGLES ON A STRAIGHT LINE

### maths MAZE

Without using a protractor, calculate the value of the unknown angle. In the maze, each answer will lead you to the next problem. To keep track of your answers, colour your way from start to finish, recording the letter sequence you followed in the table below.

START

A

B

C

47° ?

133°

F

? 148°

52°

FINISH

A

B

## STATISTICS

Name: \_\_\_\_\_ Date: \_\_\_\_\_

AC9M6ST01: interpret and compare data sets for ordinal and nominal categorical, discrete and continuous numerical variables using comparative displays or visualisations and digital tools; compare distributions in terms of mode, range and shape

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

## SHOW WHAT YOU KNOW 1B

HOW DO YOU FEEL ABOUT THIS TOPIC?

Name: \_\_\_\_\_ Date: \_\_\_\_\_

😊 😊 😐 😞

## TASK TWO QUESTION SHEET

AC9M6M04

## ANGLES ON A STRAIGHT LINE

### SUPER soft PROBLEM CARDS

unknown angle = \_\_\_\_\_

45°

unknown angle = \_\_\_\_\_

70°

unknown angle = \_\_\_\_\_

59°

unknown angle = \_\_\_\_\_

93°

unknown angle = \_\_\_\_\_

78°

unknown angle = \_\_\_\_\_

2°

unknown angle = \_\_\_\_\_

44°

unknown angle = \_\_\_\_\_

129°

unknown angle = \_\_\_\_\_

## PROBABILITY

Name: \_\_\_\_\_ Date: \_\_\_\_\_

AC9M6P02: conduct repeated chance experiments and run simulations with an increasing number of trials using digital tools; compare observations with expected results and on variation of increasing the number of trials

POST TEST Term: 1 2 3 4 Week: 1 2 3 4 5 6

1. Tick all the chance experiments that have probability of 0.5

Rolling 2, 5 or 6 on a 6-sided die	Drawing a black card from a standard deck	Drawing a heart card from a standard deck	A coin lands on tails	Loops
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2. Lucy put 3 red, 1 yellow and 1 blue marble in a jar. Write 3 facts (using fractions, decimals or percentages) to describe this chance experiment:

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

3. Lucy wants to set up a game using 10 coloured marbles. In the empty jar, draw the marbles she should include if she wants players to be four times more likely to pick a green marble than a blue marble.

4. On the spinner below, colour or label the segments to match the probabilities provided:

- 30% chance of landing on red
- 2 in 10 chance of landing on yellow
- 0.1 chance of landing on green
- Twice as likely to land on blue as yellow

TOTAL 8

Match each representation b

a) 20%

b) 55%

## MEASUREMENT OUTCOMES

Outcome	Descriptor	Pre Test	Post Test
AC9M6M01	Convert between common metric units of length, mass and capacity, choose and use decimal representations of metric measurements relevant to the context of a problem	<a href="https://docs.google.com/forms/d/3u7DQv8FfGw6_3QWWhKzaymS6t8BAgwiRgWv4hVz/">https://docs.google.com/forms/d/3u7DQv8FfGw6_3QWWhKzaymS6t8BAgwiRgWv4hVz/</a>	<a href="https://docs.google.com/forms/d/3u7DQv8FfGw6_3QWWhKzaymS6t8BAgwiRgWv4hVz/">https://docs.google.com/forms/d/3u7DQv8FfGw6_3QWWhKzaymS6t8BAgwiRgWv4hVz/</a>
AC9M6M02	Establish the formulae for area and volume		
AC9M6M03	Interpret and use time and determine time		
AC9M6M04	Identify the relationships between angles at a point and determine unknown angles		

lemon + lemon + lemon = 21

strawberry = 40

watermelon = 60

## TARGET NUMBER

100

Can you make the target number?

You can use the numbers in any order and apply any operation, but all numbers must be used.

7 7 1 2 1

TOTAL 8

# WHAT'S INCLUDED?



**SIX** print-and-go differentiated **MATHS** **ACTIVITIES** for every outcome, including:

- ✓ True or False
- ✓ Maths Match Up
- ✓ Super Sort Activity
- ✓ Maths Maze
- ✓ Would You Rather?
- ✓ Thinker's Keys

**YEAR 6**

## MATHS ACTIVITY MEGA BUNDLE

**YEAR 6** NUMBER & ALGEBRA **ACTIVITY BUNDLE**

**YEAR 6** MEASUREMENT & SPACE **ACTIVITY BUNDLE**

**YEAR 6** STATISTICS & PROBABILITY **ACTIVITY BUNDLE**

**140+ ACTIVITIES**

# WHAT'S INCLUDED?



**Pre and Post Tests: 2 tests for every outcome in the new Australian Curriculum (V9.0) Year 6 Maths strands.**

**✓ Google Sheets:** An editable spreadsheet is included for every outcome.

**✓ Youtube Tutorial**

**✓ Editable Program Printables**

**YEAR 6**

## MATHEMATICS TEST MEGA BUNDLE


**YEAR 6**  
**NUMBER & ALGEBRA TEST PACK**  
THE SYDNEY TEACHER


**YEAR 6**  
**MEASUREMENT & SPACE TEST PACK**  
THE SYDNEY TEACHER

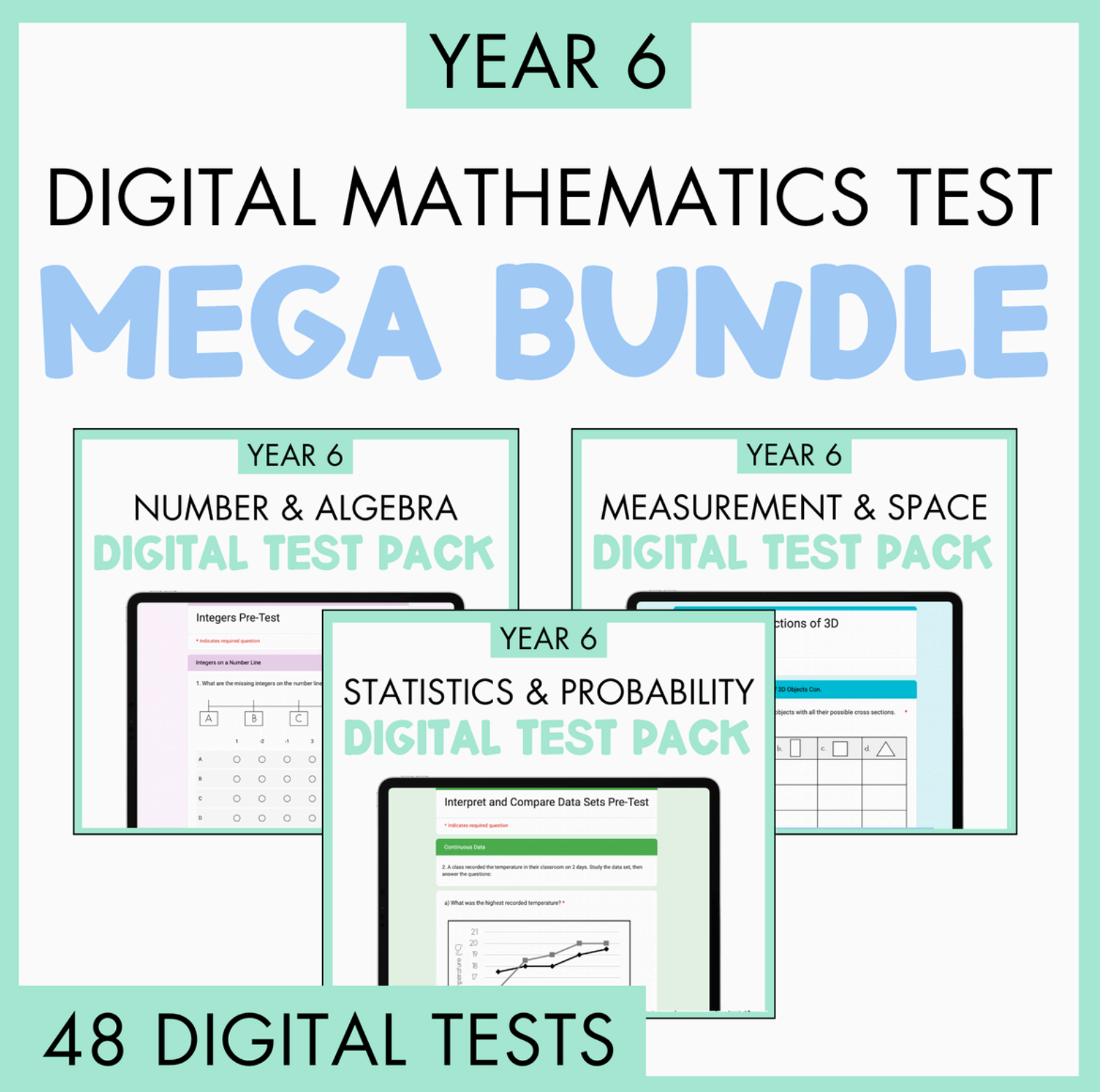
**YEAR 6**  
**STATISTICS & PROBABILITY TEST PACK**  
THE SYDNEY TEACHER

**48 PRINTABLE TESTS**

# WHAT'S INCLUDED?

 **2 digital - self marking - tests for every outcome in the new Year 6 Curriculum (V9.0) - 48 tests!**

 Helpful 'how to' video, so you can begin using this resource in your class immediately!



**YEAR 6**

**DIGITAL MATHEMATICS TEST**

**MEGA BUNDLE**

**YEAR 6**

**NUMBER & ALGEBRA**

**DIGITAL TEST PACK**

**YEAR 6**

**MEASUREMENT & SPACE**

**DIGITAL TEST PACK**

**YEAR 6**

**STATISTICS & PROBABILITY**

**DIGITAL TEST PACK**

**48 DIGITAL TESTS**

# WHAT'S INCLUDED?



**4 targeted assessment questions for every outcome in the Australian Mathematics Curriculum v9.0**

- ✓ A & B versions of each question for pre- and post-assessment
- ✓ Print-and-go exit slips
- ✓ Matching PowerPoint slides to support delivery, discussion and subsequent learning sequences
- ✓ Answer Keys

**YEAR 6**

## MATHEMATICS EXIT SLIPS & SLIDES MEGA BUNDLE

**SHOW WHAT YOU KNOW (4A)** HOW DO YOU FEEL ABOUT THIS TOPIC?  
Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Johnny made a house pattern with matchsticks. To make 1 house he needed 6 sticks, to make 2 he needed 11 and for 3 he needed 16 sticks.

**SHOW WHAT YOU KNOW (1A)** HOW DO YOU FEEL ABOUT THIS TOPIC?  
Name: \_\_\_\_\_ Date: \_\_\_\_\_  
In these diagrams, angles with the same letter are the same size. Calculate the value of the unknown angles, without a protractor, showing all working out.

**SHOW WHAT YOU KNOW**  
Record the coordinates of the square and the star.  
If you start at the origin and move down 3 spaces, where is the star?

THE SYDNEY TEACHER

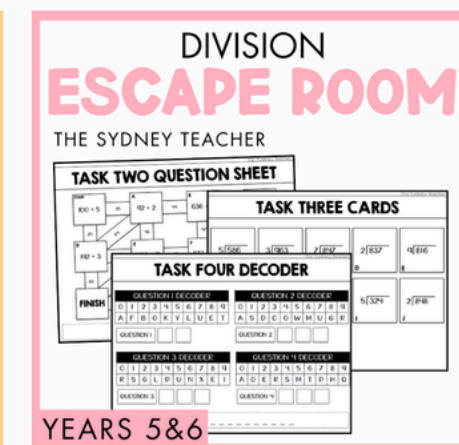
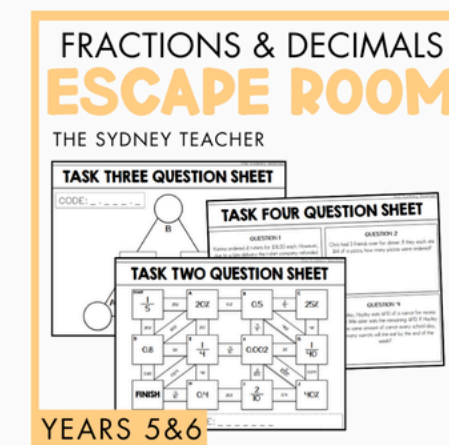
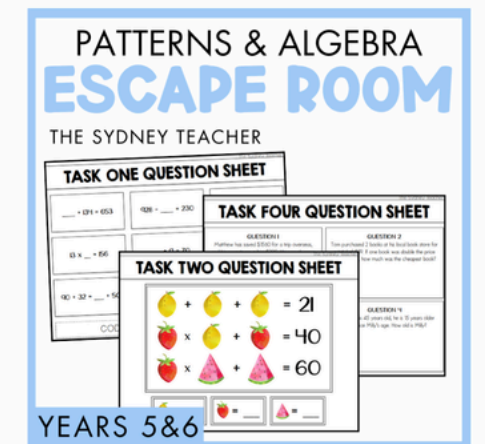
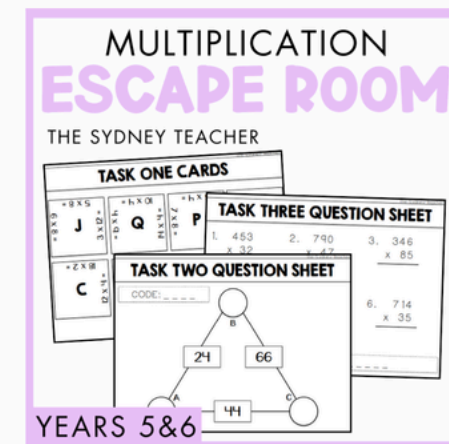
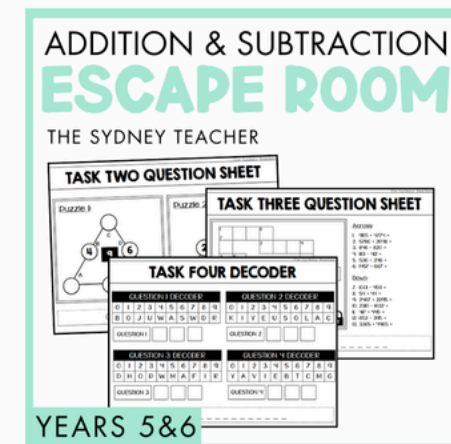
# WHAT'S INCLUDED?



**4 rigorous operations, proportional reasoning, patterns, and algebra tasks that develop problem solving skills and logic**

- ✓ Access to an exclusive and original video that sets the scene
- ✓ Access to a self-checking/marking Google Form - no teacher marking required!
- ✓ Access to a digital (Google Slide) version of the activities

## MATHS ESCAPE ROOM MEGA BUNDLE



YEARS 5-6

THE SYDNEY TEACHER

# WHAT'S INCLUDED?



**30 open-ended maths warm ups covering key number concepts**

- ✓ An interactive spinner a novel way to select your maths warm up for the day
- ✓ Fully editable slides
- ✓ Teacher notes and answer keys
- ✓ PLUS! Differentiated options for easier or more challenging versions

## 30 OPEN-ENDED MATHS WARM UP SLIDES

THE SYDNEY TEACHER

**LOOSE CHANGE**

I have 4 coins in one hand and one coin in the other. Each hand is of equal value.

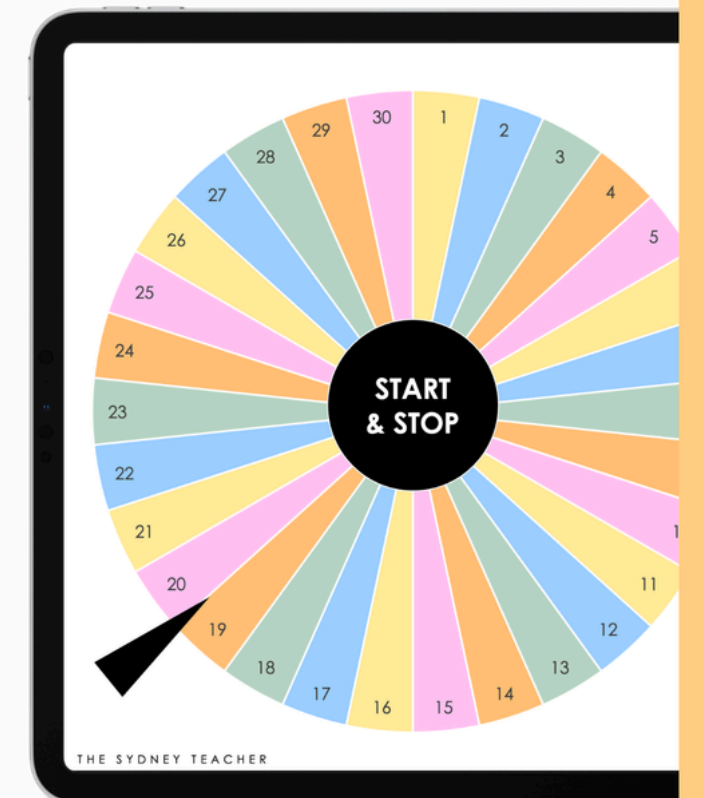
What might the coins be?

**BROKEN CALCULATOR**

Sally has a calculator with a broken 4 key.

How could she use her calculator to find the answer to  $34 \times 42$  without using the 4?

Brainstorm as many possible answers as possible.



YEARS 4 - 6

WITH INTERACTIVE SPINNER

# PRINTABLE AND DIGITAL

AC9M6M04

## ANGLES ON A STRAIGHT LINE

### maths MAZE

Without using a protractor, calculate the value of the unknown angle. In the maze, each answer will lead you to the next problem. To keep track, record the letter sequence you follow from start to finish, recording the letter sequence you follow.

**START**

A  $95^\circ$  ?

C  $47^\circ$  ?

F ?  $148^\circ$

**FINISH**

A

90° 85°

109° 71° ?

133° 197° 105°

32° 11°

52° 125° 172°

46° 134°

Print and go!

## STATISTICS

Name: \_\_\_\_\_ Date: \_\_\_\_\_

AC9M6ST0: interpret and compare data sets for ordinal and nominal categorical, discrete and continuous numerical variables using comparative displays or visualisations and digital tools; compare distributions in terms of mode, range and shape

### PRE TEST

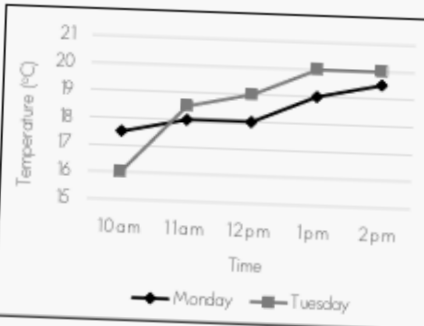
Term: 1 2 3 4 Week: 1 2 3 4 5 6 7 8 9 10 11

1. All the students in 6T rated their class novel out of 5 stars. Study the data set, then answer the questions below:

☆	☆☆	☆☆☆	☆☆☆☆	☆☆☆☆☆
I	IIII	III	IIIIII	IIIIIIII

a) How many rated the novel 3 stars? \_\_\_\_\_ b) How many students are in 6T? \_\_\_\_\_  
c) What is the mode? \_\_\_\_\_ d) What is the range? \_\_\_\_\_

2. A class recorded the temperature in their classroom on 2 days. Study the data set, then answer the questions:



a) What was the highest recorded temperature? \_\_\_\_\_  
b) What is the mode for Tuesday? \_\_\_\_\_  
c) Which day had the greatest range? \_\_\_\_\_  
d) Describe the shape of the graph: \_\_\_\_\_

3. Draw a single graph that represents the data set on favourite sports in 6T:

	Girls	Boys
Soccer	3	5
Cricket	5	4
Rugby	3	5
Other	2	1

TOTAL 10

PowerPoint Slides!

## ODD ONE OUT




29

2, 15, 24, 36

Which number is the odd one out?

Note: there is more than one correct answer!

# HOW YOU CAN USE THIS RESOURCE

-  Flexible classroom use with differentiated activities for warm-ups, group work, and rotations
-  Strong assessment and engagement tools including pre/post tests, exit data, and escape rooms
-  Time-saving, curriculum-aligned resources that support discussion and differentiation



# HAVE YOU SEEN THIS?



YEAR 5

## YEAR LONG MATHS MEGA BUNDLE

Love this for Year 5?  
Grab the **Year 5 Year Long Maths MEGA Bundle** to save you hours of planning and give you the confidence to teach and assess every element of the Year 6 Mathematics Australian Curriculum!

- ✓ WARM UPS
- ✓ EXIT SLIPS
- ✓ SLIDES
- ✓ ESCAPE ROOMS
- ✓ ACTIVITIES
- ✓ TESTS