



DESCRIBE &
PERFORM
TRANSFORMATIONS
ON 2D SHAPES

AC9M5MSP03

PERFORMING TRANSFORMATIONS **SUPER sort**

Cut out the problem cards, then place them in the correct column, matching the shape to how it has been transformed – either translated, reflected or rotated clockwise 90°. Then cut out and match the definitions for each transformation.

Original	Translated	Reflected	Rotated clockwise 90°

Keep scrolling to see what's included!

ENGAGE STUDENTS IN TRANSLATIONS. REFLECTIONS. ROTATIONS. AND IDENTIFYING SHAPE SYMMETRIES!



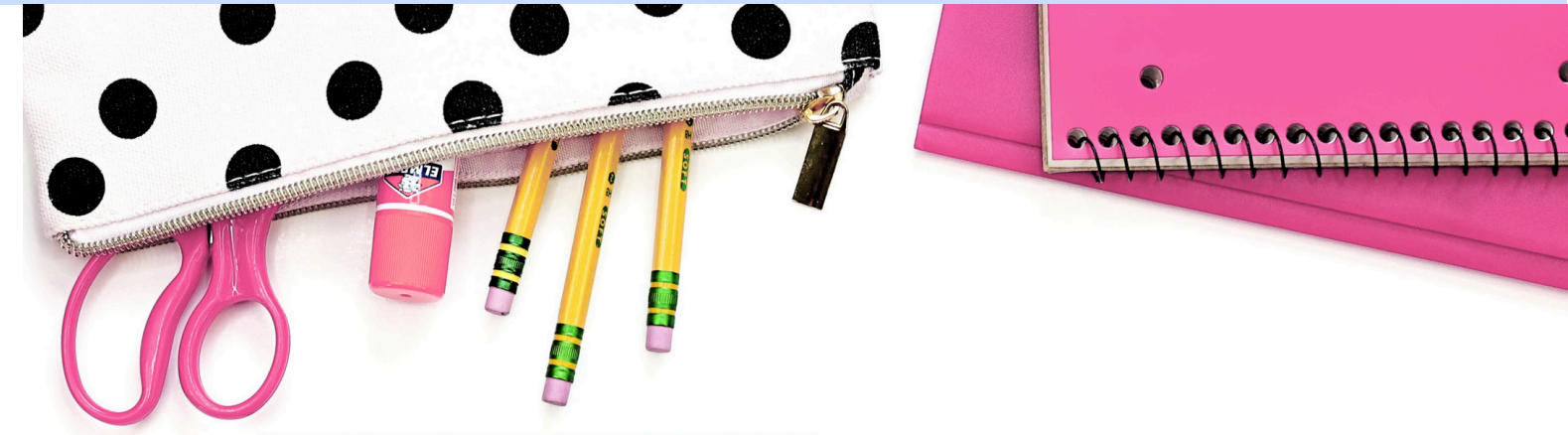
All six activities are aligned to the outcome: **(AC9M5SP03)**



Tasks range in difficulty from easy to challenging!



Activities are interactive, hands-on, and FUN!



AC9M5SP03

REFLECTIVE & ROTATIONAL SYMMETRY TRUE OR false

Cut out the problem cards and sort them according to whether they are true or false. Before gluing them, arrange the cards in each column in alphabetical order.

TRUE	TRUE OR false
	AC9M5SP03 REFLECTIVE & ROTATIONAL SYMMETRY TRUE OR false PROBLEM CARDS
	A shape has reflective symmetry if you can draw a line through it so one side is the mirror image of the other. A
	A shape has rotational symmetry if you can turn it around its centre and it still looks exactly the same before you get all the way around. B
	A square has only 2 lines of reflective symmetry, horizontal and vertical. C
	An equilateral triangle has only 1 line of reflective symmetry. D

ENGAGE STUDENTS IN TRANSLATIONS. REFLECTIONS. ROTATIONS. AND IDENTIFYING SHAPE SYMMETRIES!



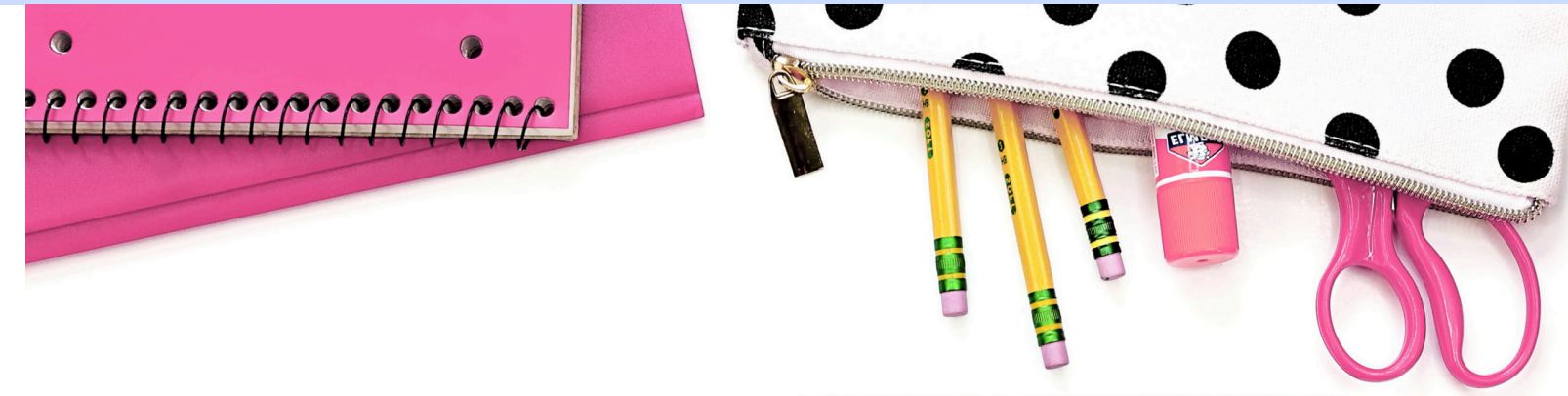
NO planning required for
outcome **AC9M5SP03**



No prep, just print and go!



Aligns perfectly to the **Year 5
Measurement & Space Pack!**



AC9M5SP03

DESCRIBING MULTIPLE TRANSFORMATIONS

MATHS match
PROBLEM CARDS

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

G

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

H

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

I

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

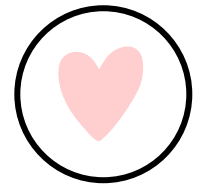
J

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

Find the card that describes the transformation that has been applied to Shape A, to become Shape B

CONTENTS

What's included in this pack?



SIX engaging activities for the outcome **AC9M5SP03**:

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



Answer Key for teachers



AC9M5SP03

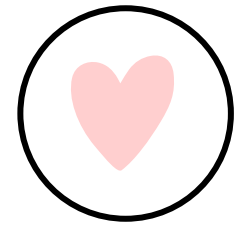
DESCRIBING MULTIPLE TRANSFORMATIONS **MATHS match**
RECORDING SHEET

ANSWERS

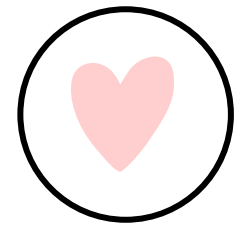
Name: _____

PROBLEM CARDS	ANSWER
A	Rotated 90° and translated one unit down
B	Translated 2 units down, 1 unit right
C	Reflected and translated 1 unit up
D	Rotated 90°

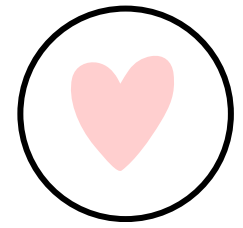
HOW YOU CAN USE THIS RESOURCE



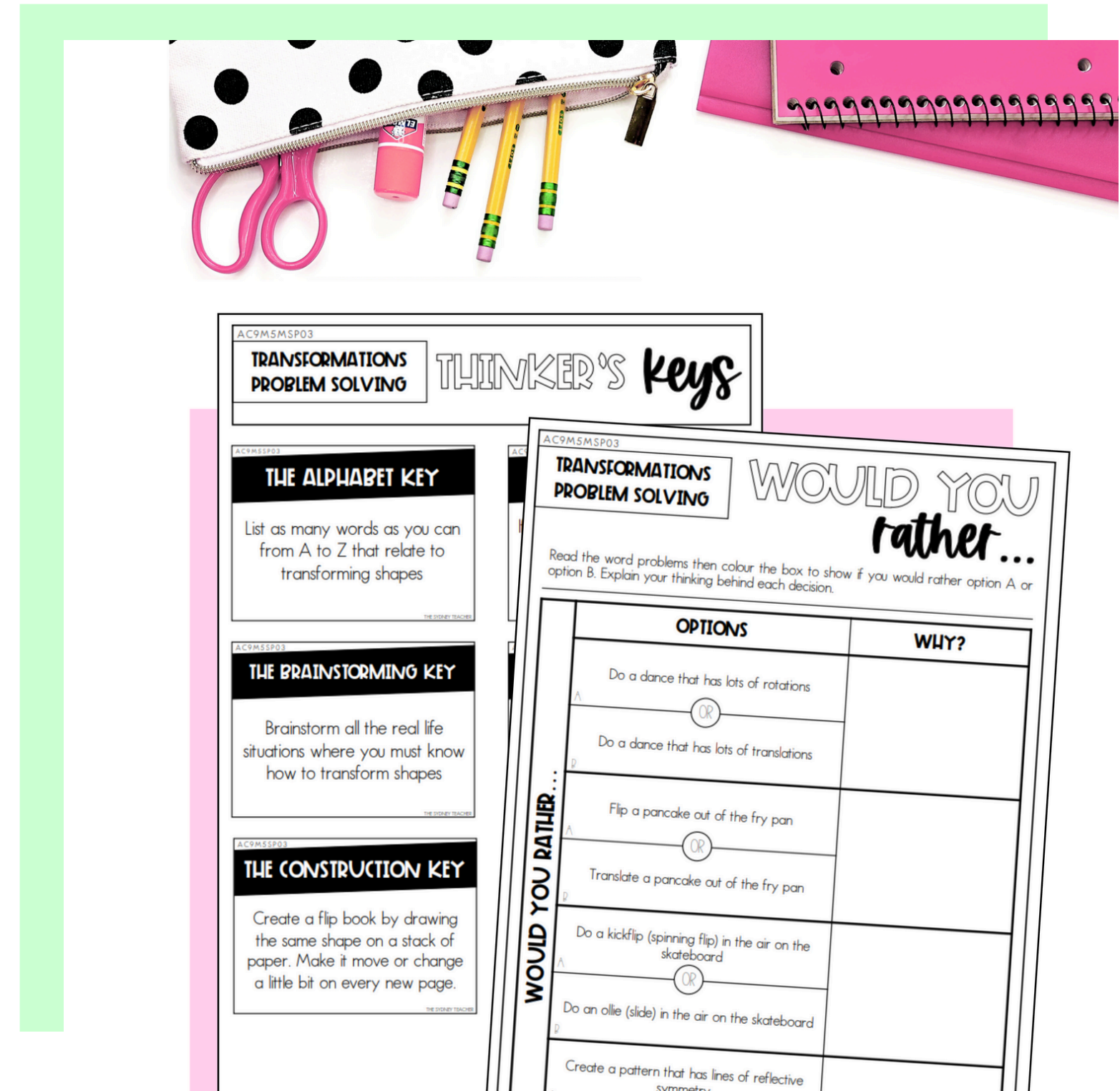
Use an activity like True or False as a **warm-up to introduce or review transformations.**



Use Super Sort or Maths Maze to **differentiate or scaffold learning.**



Check for understanding with activities like Would You Rather? or Thinker's Keys as **formative assessment or an end-of-unit review.**



LOOKING FOR MORE?



Love this pack? Grab the complete **Year 5 Measurement & Space Activity Bundle!** With 40+ engaging, curriculum-aligned activities covering every outcome, you'll have hands-on resources for the entire year - no planning required!

The image shows the cover of the 'Year 5 Measurement & Space Activity Bundle' by 'The Sydney Teacher'. The cover features a pink and white color scheme. At the top, it says 'YEAR 5' in a pink box. Below that, the title 'MEASUREMENT & SPACE' is in black, and 'ACTIVITY BUNDLE' is in large pink letters. The author's name 'THE SYDNEY TEACHER' is written below the title. The cover displays two sample activity cards. The first card is titled 'CONNECTING NETS TO THEIR OBJECTS' and includes a 'TRUE OR FALSE' section. It shows three examples of nets for 3D objects: a cube, a pyramid, and a cone. The second card is titled 'MEASURING ANGLES' and includes a 'MATHS match' section. It shows four examples of angles with measurement lines and labels. A pink banner at the bottom of the cover reads '40+ ACTIVITIES'.

YEAR 5

MEASUREMENT & SPACE

ACTIVITY BUNDLE

THE SYDNEY TEACHER

AC9M5SP01 **CONNECTING NETS TO THEIR OBJECTS** TRUE OR FALSE PROBLEM CARDS

AC9M5M04 **MEASURING ANGLES** MATHS match PROBLEM CARDS

40+ ACTIVITIES