



YEAR 5
MEASUREMENT &
SPACE ACTIVITY
BUNDLE

AC9M5SP01

CONNECTING NETS TO THEIR OBJECTS

TRUE OR false

PROBLEM CARDS

This net matches this 3D object

A

B

C

D

Keep scrolling to see
what's included!

WANT AN ENGAGING WAY TO TEACH YEAR 5 MEASUREMENT & SPACE ALL YEAR?



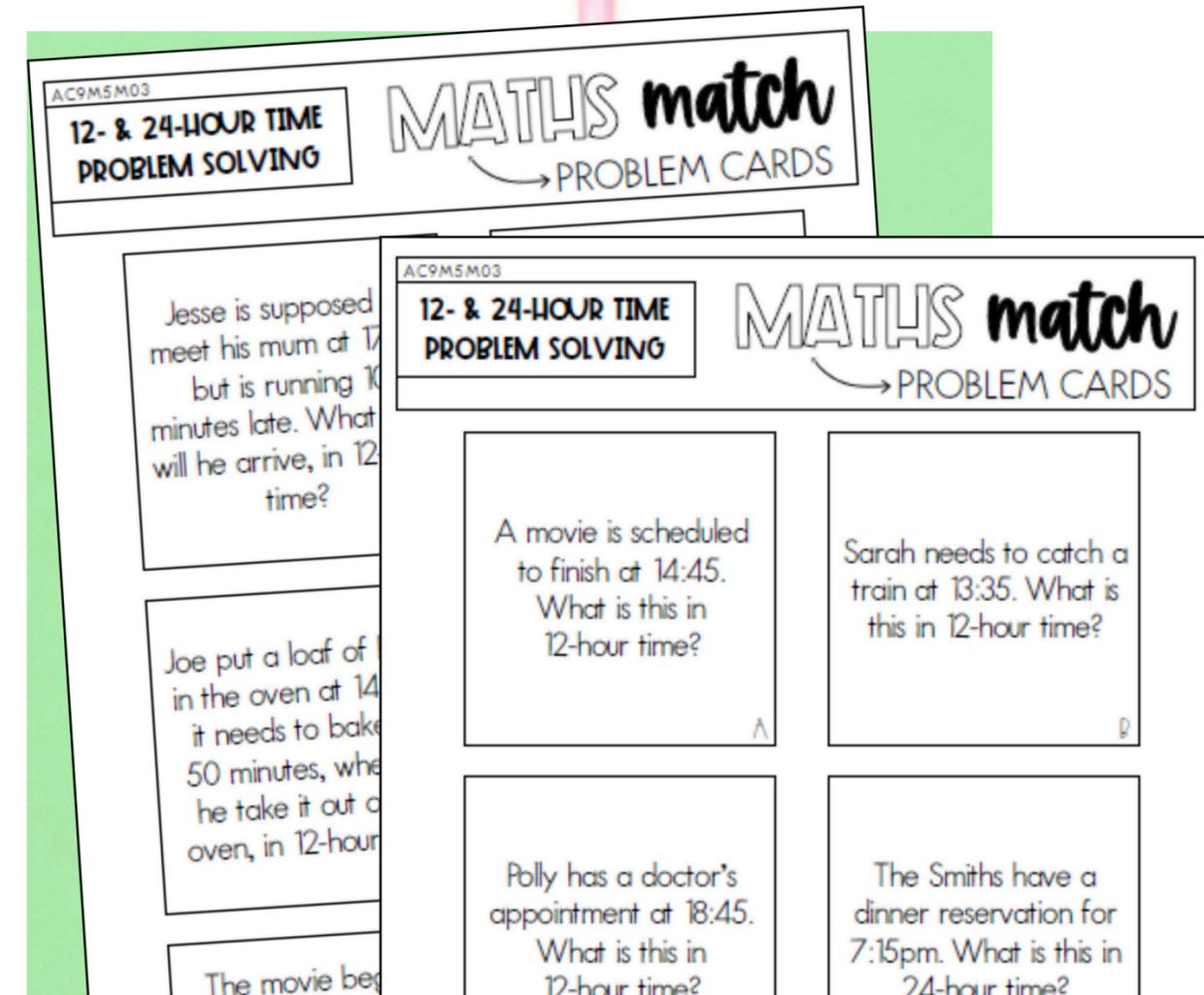
Covers every Year 5 Measurement & Space outcome



Includes 42 activities designed for interactive learning experiences



Fully aligned with the Australian Curriculum for easy classroom integration!



WANT AN ENGAGING WAY TO TEACH YEAR 5 MEASUREMENT & SPACE ALL YEAR?



Six engaging activity types to support different learning styles



Saves teachers valuable planning time with ready-to-use resources



Makes maths lessons stress-free, enjoyable, and highly engaging!



AC9M5M04

ANGLE PROBLEM SOLVING THINKER'S *keys*

AC9M5M04

THE ALPHABET KEY

List as many words as you can from A to Z that relate to angles

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THE ANSWER KEY

If 'right angle' is the answer, what might the question be? Think of 10 possibilities.

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THE BRAINSTORMING KEY

Brainstorm all the real life situations where one must measure angles

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THE VARIATIONS KEY

$A + B =$ an acute angle
What might the missing values be? Think of at least 10 variations

THE SYDNEY TEACHER

INCLUDES ALL THESE AND MORE!

AC9MSMSP03

UNDERSTANDING TRANSFORMATIONS

TRUE OR FALSE

PROBLEM CARDS

To translate a shape is to move it without rotating it, for example:

To rotate a shape is to flip it over a line of reflection, for example:

AC9MSMSP02

CONSTRUCT A GRID SYSTEM & LOCATE POINTS

SUPER SORT

Label the grid to show the origin point, x-axis, y-axis and the missing numbers along each axis. Then identify the coordinate positions of the 3 shapes.

This shape has been rotated around a centre point, for example:

This shape has been rotated and translated one unit:

I HAVE LABELLED:

- origin point
- x-axis
- y-axis
- numbers on the x-axis
- numbers on the y-axis

COORDINATES:

■	
★	
▲	

AC9MSMSP01

CONNECT OBJECTS TO THEIR NETS

MATHS MATCH

PROBLEM CARDS

Match this net to its 3D object

Match this net to its 3D object

AC9MSM03

CONVERTING 12-HOUR TIME INTO 24-HOUR

maths MAZE

For each question convert the time from 12-hour into 24-hour time. 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.

Match this net to its 3D object

AC9MSM04

ANGLE PROBLEM SOLVING

WOULD YOU RATHER...

Read the word problems then colour the box to show if you would rather option A or option B. Explain your thinking behind each decision.

OPTIONS	WHY?
<p>A Go skateboarding and make an acute angle turn</p> <p>B Go skateboarding and make an obtuse angle turn</p>	
<p>A Eat a slice of pizza that has an acute angle at the tip</p> <p>B Eat a slice of pizza that has an obtuse angle at the tip</p>	
<p>A Throw a paper plane at a 30° angle</p> <p>B Throw a paper plane at a 90° angle</p>	
<p>A Cut slices of cake at a 45° angle</p> <p>B Cut slices of cake at a 120° angle</p>	

AC9MSM01

CHOOSING APPROPRIATE METRIC UNITS

THINKER'S KEYS

THE ALPHABET KEY

List as many words as you can from A to Z that relate to measuring length, mass, and capacity.

THE ANSWER KEY

If kilogram is the answer, what might the question be? Think of 10 possibilities.

THE BRAINSTORMING KEY

Brainstorm all the real life situations where you must measure the length, mass, or capacity of an object

THE VARIATIONS KEY

Australia uses the metric system of measurement. Research the imperial system and compare the units used for length, mass, and capacity in both systems.

THE CONSTRUCTION KEY

Create two sets of cards: one with pictures of animals or objects, and another with metric units (cm, kg, L, etc.). Then, play a matching game to pair each item with a suitable unit.

THE INTERPRETATIONS KEY

Your brother says his foot is 2 handspans long and wants new shoes. Do you think this is a reliable way to measure foot size? What would you suggest instead?

CONTENTS

What's included in this pack?



Includes 42 activities (six per outcome) covering the entire Year 5 Measurement & Space strand with **answer key for teachers**



SIX engaging activities types:

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



HOW YOU CAN USE THIS RESOURCE



Use as daily warm-ups to spark interest in Year 5 Measurement & Space.



Incorporate into **small group or partner work** to explore concepts collaboratively.



Integrate into lesson reviews to strengthen understanding of Measurement & Space.



AC9M5SP01

IDENTIFYING 3D OBJECTS

maths MAZE

Identify each 3D object. 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

D

E

F

G

H

cube

sphere

hemisphere

rectangular prism

cylinder

oboid

square pyramid

triangular prism

perigonal prism

LOOKING FOR MORE?



Pair these engaging Year 5 Measurement & Space activities with **Pre- and Post-Test Assessment Pack** to get accurate, curriculum-aligned data for every outcome. Track growth with editable spreadsheets!

The image shows the cover of a 'Year 5 Measurement & Space Test Pack' by 'The Sydney Teacher'. The cover features a pink and white color scheme. At the top, it says 'YEAR 5' in a pink box, followed by 'MEASUREMENT & SPACE TEST PACK' in large, bold letters. Below this, it says 'THE SYDNEY TEACHER'. The cover displays two sample test pages. The left page is titled 'MEASUREMENT' and includes a 'POST TEST' section with questions about time systems and drawing clock hands. The right page is titled 'SPACE' and includes a 'PRE TEST' section with questions about 3D objects and their nets. A pink banner at the bottom of the cover reads '14 PRINTABLE TESTS'.

YEAR 5

MEASUREMENT & SPACE TEST PACK

THE SYDNEY TEACHER

MEASUREMENT Name: _____ Date: _____

Outcome AC9M5M03: compare 12- and 24-hour time systems and solve problems involving the conversion between them

POST TEST Term: 1 2 3 4 Week: 1 2 3 4 5 6 7

1. Draw hands on the clocks to represent the following times:

2:45	6:20	11:52
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2. Record the following times in 24-hour time on the digital clocks:

10:52pm	5:22pm	12:05pm
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3. Study the bus timetable then answer the questions in 12-hour time:

a) What time does leave Campsie
b) If you arrive R centre at 3:20, for the

SPACE Name: _____ Date: _____

Outcome AC9M5SP01: connect objects to their nets and build objects from their nets using spatial and geometric reasoning

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

1. Identify and record the names of the following 3D objects based on their nets:

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2. Sketch the net of a triangular prism, then record the number of faces and vertices:

	a) Number of faces: _____
	b) Number of vertices: _____

3. Circle or colour all the nets that would form a complete cube:

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14 PRINTABLE TESTS