



CHOOSE APPROPRIATE METRIC UNITS: LENGTH, MASS & CAPACITY

AC9M5M01

CHOOSING APPROPRIATE METRIC UNITS

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?
A	Measure the length of your school grounds using a trundle wheel	
	OR	
B	Measure the length of your school grounds using a 1 metre ruler	
	OR	
A	Measure the mass of your school bag using a kitchen scale	
	OR	
B	Measure the mass of your school bag using a bathroom scale	

Keep scrolling to see what's included!

WANT A FUN, EASY WAY TO TEACH METRIC UNITS FOR LENGTH, MASS, AND CAPACITY?



All six activities are aligned to the outcome: **(AC9M5M01)**



Tasks range in difficulty from easy to challenging!



Activities are interactive, hands-on, and FUN!



AC9M5M01
CHOOSING APPROPRIATE METRIC UNITS
MATHS match
PROBLEM CARDS

1mL

500g

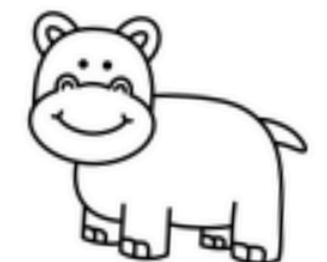
5mL

15cm

Find the card that shows the average width of a writing book.



Find the card that shows the average mass of a hippopotamus.



INCLUDES ALL THESE AND MORE!

AC9M5M01
UNDERSTANDING CAPACITY

TRUE OR FALSE?
PROBLEM CARDS

Capacity is best described as the measurement of how much a container can hold. **A**

The most appropriate units to measure the amount of water in a glass are millilitres. **B**

Tools to measure capacity include weighing scales, balances, and rulers. **C**

Capacity units such as millilitres and litres are used to measure length. **D**

Tools to measure capacity include measuring cups and spoons. **E**

Capacity is measured in units such as millilitres and litres. **F**

Capacity is best described as the measurement of how long an object is. **G**

The most appropriate unit to measure milk is litres. **H**

AC9M5M01
CHOOSING APPROPRIATE METRIC UNITS

MATHS MATCH
PROBLEM CARDS

Find the card that shows the average mass of a hippopotamus. **A**

Find the card that shows the average length of a ladybug. **B**

Find the card that shows the average capacity of a teaspoon. **C**

Find the card that shows the average mass of a pineapple. **D**

Find the card that shows the average width of a writing book. **E**

Find the card that shows the average capacity of an eye dropper. **F**

AC9M5M01
CHOOSING APPROPRIATE METRIC UNITS

Read the measurement scenarios each answer will lead you to the way from start to finish, recording your answer in the boxes provided.

START

C Measuring the capacity of a medicine dropper. **mm**

F Measuring the length of a road. **cm**

FINISH

A

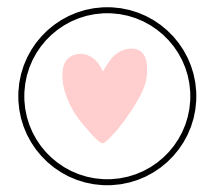
AC9M5M01
CHOOSING APPROPRIATE METRIC UNITS

SUPER SORT
PROBLEM CARDS

the width of a coin	the amount of juice in a jug
the mass of a bag of apples	the height of a door
the mass of a paper clip	the amount of liquid in an eyedropper
the mass of a child	the length of a caterpillar
the length of the playground	the amount of flour in a cake recipe
the amount of water in a bucket	the amount of medicine in a teaspoon

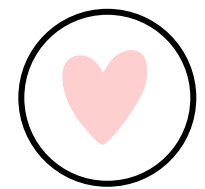
CONTENTS

What's included in this pack?



SIX engaging activities for the outcome **AC9M5M01**:

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



Answer Key for teachers



HOW YOU CAN USE THIS RESOURCE

- Engaging activities during classroom lessons to teach metric units aligned to AC9M5M01
- Assign the tasks to **small groups** or **maths stations** to differentiate learning
- Send the activities home as **homework** or **use them for revision.**



AC9M5M01

CHOOSING APPROPRIATE METRIC UNITS

SUPER sort

Cut out the problem cards and sort them into the correct row based on the most appropriate unit of measurement for each scenario. There are 2 scenarios for each unit.

mm		
m		
mL		
L		
g		
kg		

AC9M5M01

CHOOSING APPROPRIATE METRIC UNITS

SUPER sort

PROBLEM CARDS

the width of a coin	the amount of juice in jug
the mass of a bag of apples	the height of a door
the mass of a paper clip	the amount of liquid in an eyedropper
the mass of a child	the length of a caterpillar

LOOKING FOR MORE?



Love the AC9M5M01 pack?
Add the **AC9M5M02 pack**
for hands-on area and
perimeter activities and
make your maths lessons
complete and fun!

**FIND THE AREA & PERIMETER OF
REGULAR & IRREGULAR SHAPES**

THE SYDNEY TEACHER

AC9M5M02
**AREA & PERIMETER
PROBLEM SOLVING**

Read the word problems then colour the box to show if option B. Explain your thinking behind each decision.

WOULD YOU RATHER...

WOULD YOU RATHER...	OPTION A	OPTION B
Pay \$15 a metre to fence a paddock that is 3m by 9m	<input type="radio"/>	<input checked="" type="radio"/>
Pay \$12 a metre to fence a paddock that is 8m by 6m	<input type="radio"/>	<input checked="" type="radio"/>
Pay a gardener \$12 per square metre to lay grass on an area that is 12m by 7m	<input type="radio"/>	<input checked="" type="radio"/>
Pay a builder \$10 a metre to build a fence around an area that is 12m by 7m	<input type="radio"/>	<input checked="" type="radio"/>
Paint a wall that is 5m long and 3.5m high	<input type="radio"/>	<input checked="" type="radio"/>
Paint a wall that is 6m long and 3m high	<input type="radio"/>	<input checked="" type="radio"/>

WOULD YOU RATHER...

WOULD YOU RATHER...	OPTION A	OPTION B
Perimeter is the amount of space inside of a two-dimensional shape	<input type="radio"/>	<input checked="" type="radio"/>
Perimeter is the distance around a two-dimensional shape	<input checked="" type="radio"/>	<input type="radio"/>
The perimeter of this rectangle is 24m	<input type="radio"/>	<input checked="" type="radio"/>
The perimeter of this rectangle is 200cm	<input checked="" type="radio"/>	<input type="radio"/>
The perimeter of this shape is 18mm	<input type="radio"/>	<input checked="" type="radio"/>
The perimeter of this shape is 36mm	<input checked="" type="radio"/>	<input type="radio"/>
The perimeter of this rectangle is 22cm	<input type="radio"/>	<input checked="" type="radio"/>
The perimeter of this rectangle is 52.5cm	<input checked="" type="radio"/>	<input type="radio"/>

TRUE OR FALSE
PROBLEM CARDS

YEAR 5