

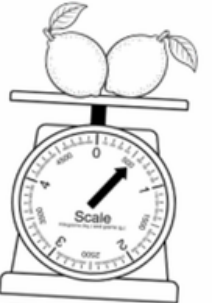


UNITS OF MEASUREMENT - LENGTH. MASS. CAPACITY. DURATION & TEMPERATURE

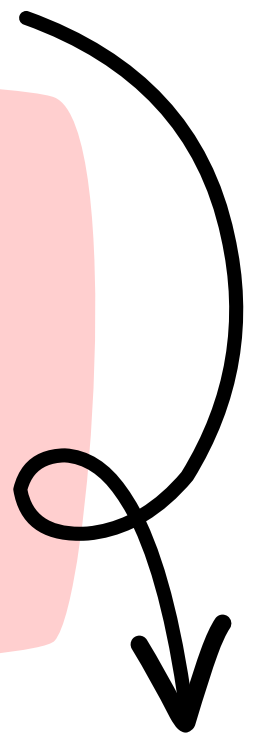
AC9M4M01

MEASURING MASS **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	FALSE
 The mass of this cupcake is 100 grams G	
 The combined mass of these lemons is 500 kilograms H	

Keep scrolling to see
what's included!

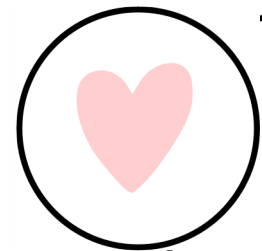


WANT AN EXCITING WAY TO TEACH UNITS OF MEASUREMENT?

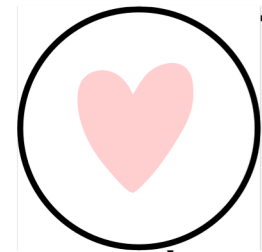
- ♥ All six activities are aligned to the outcome: **(AC9M4M01)**
- ♥ Tasks range in difficulty from easy to challenging
- ♥ Activities are interactive, hands-on, and FUN!



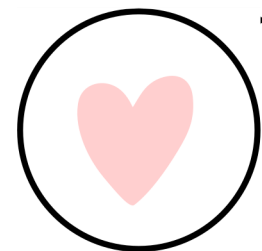
WANT AN EXCITING WAY TO TEACH UNITS OF MEASUREMENT?



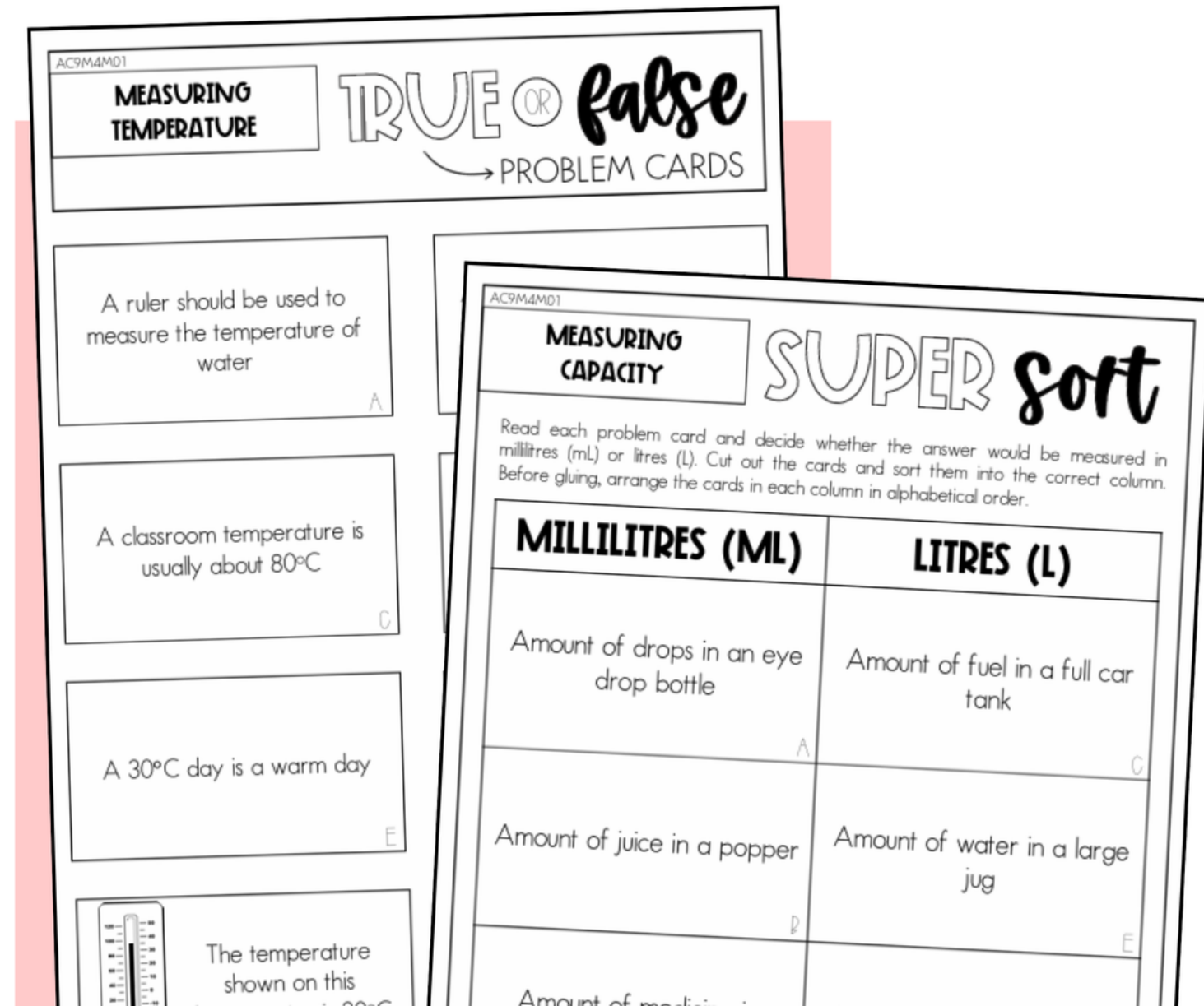
NO planning required for
outcome **AC9M4M01**



No prep, just print and go!



This pack aligns perfectly to my
Year 4 Measurement & Space
Assessment Pack!



INCLUDES ALL THESE AND MORE!

AC9M4M01

MEASURING LENGTH

ma

For each question, determine the most appropriate unit for each measurement. Each answer will lead you to the next problem. Write the letter sequence from start to finish, recording the letter sequence in the boxes at the bottom.

START

A The most appropriate unit for measuring the length of a river is km

C The most appropriate unit for measuring the length of a desk is m

F The measuring tool you would use to measure the width of a fingernail is a ruler

J The appropriate measuring tool for measuring the thickness of a book is cm

B The most appropriate unit for measuring the length of a pencil is cm

D The most appropriate unit for measuring the distance between two cities is km

G The appropriate measuring tool for measuring the length of a string is m

I The most appropriate unit for measuring the length of a hair is mm

E The most appropriate unit for measuring the length of a football field is m

H The most appropriate unit for measuring the length of a road is km

K The most appropriate unit for measuring the length of a piece of paper is cm

L The most appropriate unit for measuring the length of a hallway is m

M The most appropriate unit for measuring the length of a swimming pool is m

N The most appropriate unit for measuring the length of a bridge is km

O The most appropriate unit for measuring the length of a piece of fabric is m

P The most appropriate unit for measuring the length of a piece of wire is cm

FINISH

A

AC9M4M01

MEASURING DURATION

MATHS match

PROBLEM CARDS

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

7:25 AM

9:45 AM

A

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

9:10 AM

10:45 AM

B

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

03:18 AM

5:45 AM

C

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

10:10 AM

11:45 AM

D

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

11:10 AM

12:45 PM

E

Find the card that indicates the amount of time elapsed from Clock A to Clock B if they are both in the morning on the same day

Clock A

Clock B

12:10 PM

1:45 PM

F

AC9M4M01

MEASURING MASS

TRUE

The mass of a paperclip should be measured in kilograms.

A

The mass of a newborn baby should be measured in milligrams.

C

The mass of the truck should be measured in tonnes.

E

The mass of this cupcake is 100 grams.

G

AC9M4M01

MEASURING TEMPERATURE

TRUE OR false

PROBLEM CARDS

A ruler should be used to measure the temperature of water.

A

A clinical thermometer should be used to measure body temperature.

B

A classroom temperature is usually about 80°C.

C

A thermometer should be used to measure the temperature of bath water.

D

A 30°C day is a warm day.

E

A stopwatch should be used to measure outdoor temperature.

F

The temperature shown on this thermometer is 30°C.

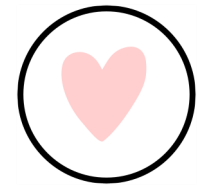
G

The temperature shown on this thermometer is -10°C.

H

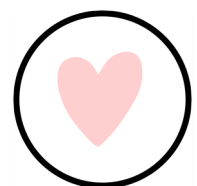
CONTENTS

What's included in this pack?



SIX engaging activities for the outcome AC9M4M01:

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



Answer Key for teachers



AC9M4M01

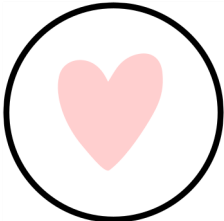
UNDERSTANDING MEASUREMENT

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	Carry 2 bags of apples at 125kg each	A: $2 \times 125 = 250\text{kg}$ B: $4 \times 650\text{g} = 2600\text{g} / 2.6\text{kg}$
OR		
B	Carry 4 bags of oranges at 650g each	A is lighter than B.
A	Walk 4 laps of oval with a perimeter of 300m	A: $4 \times 300\text{m} = 1200\text{m}$ B: $1 \times 1500\text{m} = 1500\text{m}$
OR		
B	Walk to a park that is 1.5km away	Answers will vary depending on whether students prefer to walk a shorter or longer distance
A	Visit a beach on a 28°C day	A 28°C day is a more pleasant day than a 45°C day.
OR		
B	Visit a beach on a 45°C day	
WOULD YOU RATHER...		
A	Catch 2 planes that are 6 hours in duration	A: $6 + 6 + 2 = 14$ hours B: 12 hours

HOW YOU CAN USE THIS RESOURCE

-  **Maths rotations** – Use the six activities as engaging group tasks
-  **Differentiation** – Assign easier or harder tasks based on student needs
-  **Prep-Free Lessons** – Use the activities as ready-to-go lessons for the AC9M4M01 outcome!



AC9M4M01

MEASURING DURATION

MATHS match
RECORDING SHEET

ANSWERS

Name: _____

PROBLEM CARDS	ANSWER
A	1 hour 9 minutes
B	2 hours 20 minutes
C	2 hours
D	1 hour 35 minutes
E	30 minutes
F	2 hours 27 minutes
G	1 hour
H	19 minutes

LOOKING FOR MORE?



This **Area & Perimeter** follow-up for AC9M4M01 is just as engaging—six hands-on tasks to reinforce measurement skills through engaging, curriculum-aligned practice!

MEASURING AREA & PERIMETER

THE SYDNEY TEACHER

AC9M4M02

CALCULATING PERIMETER

TRUE OR FALSE?

AC9M4M02

CALCULATING AREA

maths MAZE

Calculate the area of each shape. 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

FINISH

YEAR 4