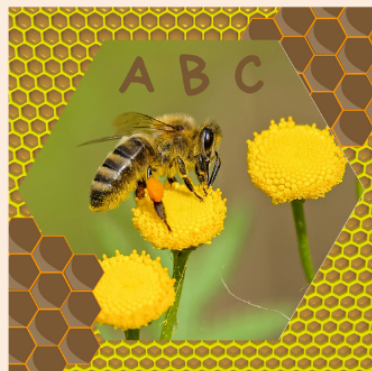




Instructions for the ABC stickers:

The stickers will fit AVERY Labels - code 936074, 99.1mm x 67.7mm Just load the paper into your printer and choose to print only page 2 of this document. You will be able to print 8 stickers per sheet. Each letter will fill the next sticker block so save your sheet for the next letter. Alternatively, you can print on normal paper, cut the sticker out and glue into your math journal.

I hope you enjoy using these resources with your family. I am happy for you to share these pages with others but please respect the creative copywrite and link back to jo.mathinnature.



Infinity



Never Ending!

Joule



a measurement
of work, energy
and heat

Kilo



1 KILOGRAM=1,000 GRAMS

1 KILOMETER=1,000 METERS



1 KILOBYTE=1,000 BYTES



a prefix meaning
1,000

KILO

HOW FAR IS A KILOMETER?

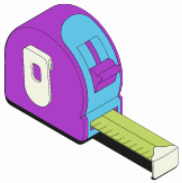
Instructions

How far is a Kilometer?

Understanding our relationship to the world around us helps us make sense of what we experience.

I love incorporating our 'biometrics' as we explore the world.

This week we are going to experience how far a kilometer is.



How many steps would you need to take to walk 1 kilometer?

This will be a bit different for everyone as we all have a different length stride.

To work out how many steps you will need to take, to walk a kilometer, we are going to take some measurements and do some math.



1. Get someone to help you measure a distance of 10 meters. Mark the start and finish.
2. Line your feet up at the beginning mark and then count your steps as you walk to the finish.

HOW MANY STEPS EQUAL 10m - _____

3. Multiply the number of steps you take to walk 10m by 100. This is how many steps you would take to walk 1,000m which is 1 KILOMETER.
4. Can you figure out how to calculate how long it would take you to walk a kilometer? Grab a stop watch and find your average walking speed.

KILO

LET'S LEARN MORE

The prefix kilo comes from the Greek word χίλιοι (chilioi), which means "thousand." The origin of the term reflects its meaning: a factor of a thousand.

$$\text{KILO} = 1,000$$

It is a prefix used in International System of Units (SI) to show multiplication by one thousand (10^3).

The symbol for kilo is k, written in lowercase.

When you see terms like kilogram, kilometer, kilojoule, or kilobyte they all refer to one thousand grams, meters, joules, or bytes respectively.

Go on a unit hunt. How many places can you find km or kg.



Earth's radius,
at the equator is 6,378 kilometers,
while the radius at the poles
is 6,356 km.

A decorative notepad with a light orange background and a white central area containing horizontal lines for writing. The notepad has a grey tab on the top left and a grey tab on the bottom right.

MY NOTES ON 'ROAD SIGNS'

Learn more about Australia's road signs here

Tourist Signs then go on a sign hunting drive!