



Eco Mites – Worksheet - **ANSWERS**

Kimbriki Eco House & Garden

Kimbriki is an aboriginal word for: **PLACE OF WATER PLANTS**

ECOLOGY. Ecos = where I 'go'. Logos = the care we take.

ECO LOGOS = 'I will take care of EVERYWHERE I go'

What did you imagine would be different if EVERYONE took care of everywhere they went?

R. R. R. R. - The 4 R's

Write what they are and the order they go in:

1. **R E T H I N K** 2. **R E D U C E** 3. **R E U S E** 4. **R E C Y C L E**

Why should they be in this order?

ORDER OF IMPORTANCE / WASTE HIERACHY / LAW

Everything we eat comes from the soil

Show an example:

CHEESE ← MILK ← COWS ← GRASS ← SOIL

If we want to be healthy, we need healthy food, grown from healthy soil.

***"It's all about our soil!". Soil is alive!
The soil is the BIGGEST living creature on earth!***

What do we do with our food scraps?

The 'key' to great composting and worm farming is A.D.A.M.

ALIVENESS

DIVERSITY

AERATION (AIR)

MOISTURE

Composting is done by living things, who love a variety of food like we do. They need to live in an aerated and moist habitat.

All living things need to:

B R E A T H E **E** A T **D** R I N K

Breathe (aeration)

Take a breath and hold it in. (let it out now!) **Be aware of our breathing.** **Aliveness** - All living creatures need air. Try watching yourself 'breathing' every day.

- Compost must be mixed regularly to help it breathe. Name a tool you could use: SPRIAL TOOL
- Worms breathe through HOLES in their skin.
- Plants 'breathe' through their LEAVES and their ROOTS.

Eat

Why do we need to eat?

TO GIVE US ENERGY TO SUSTAIN OUR BODIES

We need to eat as much **diversity** of food as possible. **Variety is another word for diversity.** There's a lovely old saying your family might know:

"Variety is the S P I C E of L I F E"

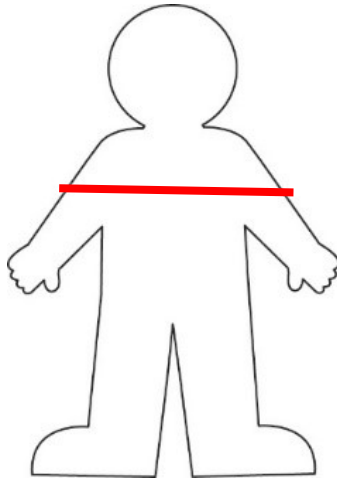
We need to eat fruit, vegetables, and flowers from ALL the colours of the rainbow, every week. Fill in the chart

	Colour	Example of a food you can eat
R	RED	CAPSICUM
O	ORANGE	MANDARIN
Y	YELLOW	PINEAPPLE
G	GREEN	BROCCOLI
B	BLUE	BLUEBERRY
I	INDIGO	PLUM
V	VIOLET	EGGPLANT

- Remember: **ALWAYS** ask an adult which flowers are edible, and which flowers are NOT edible!

Drink

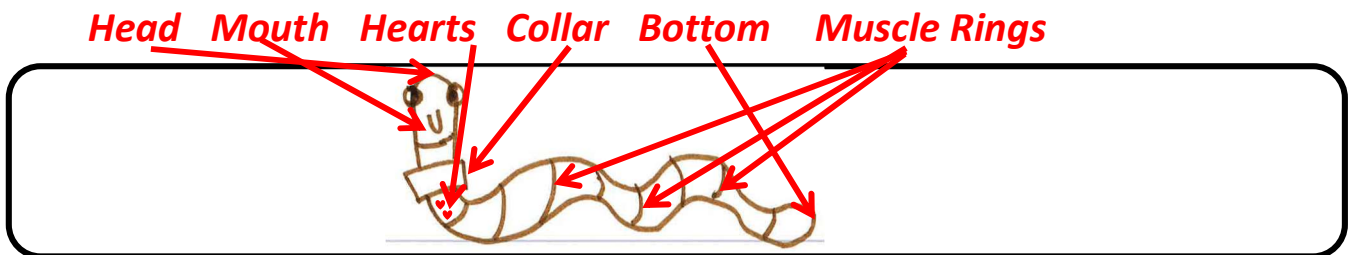
All living things need moisture. **Water is Life!** Did you know our bodies are made of mostly water? Draw a line on the body & shade in how much of it you think is water.



Should we ADD water to compost bins and worm farms? Circle your answer **Yes** or No

Looking at WORMS

Draw and label a worm:



- Worms make soil. True or False? **TRUE**
- How many hearts do worms have? **5**
- What is the difference between a boy and a girl worm? **NOTHING. THEY ARE HAEMAPHRODITES**
- Worm 'poo' is actually very rich **SOIL**
- If they dry, they **DIE**
- Where can you find worms? **IN THE SOIL / UNDER LOGS AND ROCKS**

There are huge numbers of important **living things** that we **cannot** see in the soil.

These are called **M I C R O S C O P I C** Organisms.

There are (how many?) **B A C T E R I A** in every handful of healthy soil.

They are the most important creatures on earth! They keep us alive.

It's what we are made of!

What I learnt from my visit to Kimbriki was:

Draw a picture of your favourite part of your Kimbriki visit:



Please share what you have learnt with others

For more information
visit www.kimbriki.com.au/eco-house-and-garden/
email kimbriki@kimbriki.com
or contact via Kimbriki Resource Recovery Centre
phone 02 9486 3512 Monday to Friday

