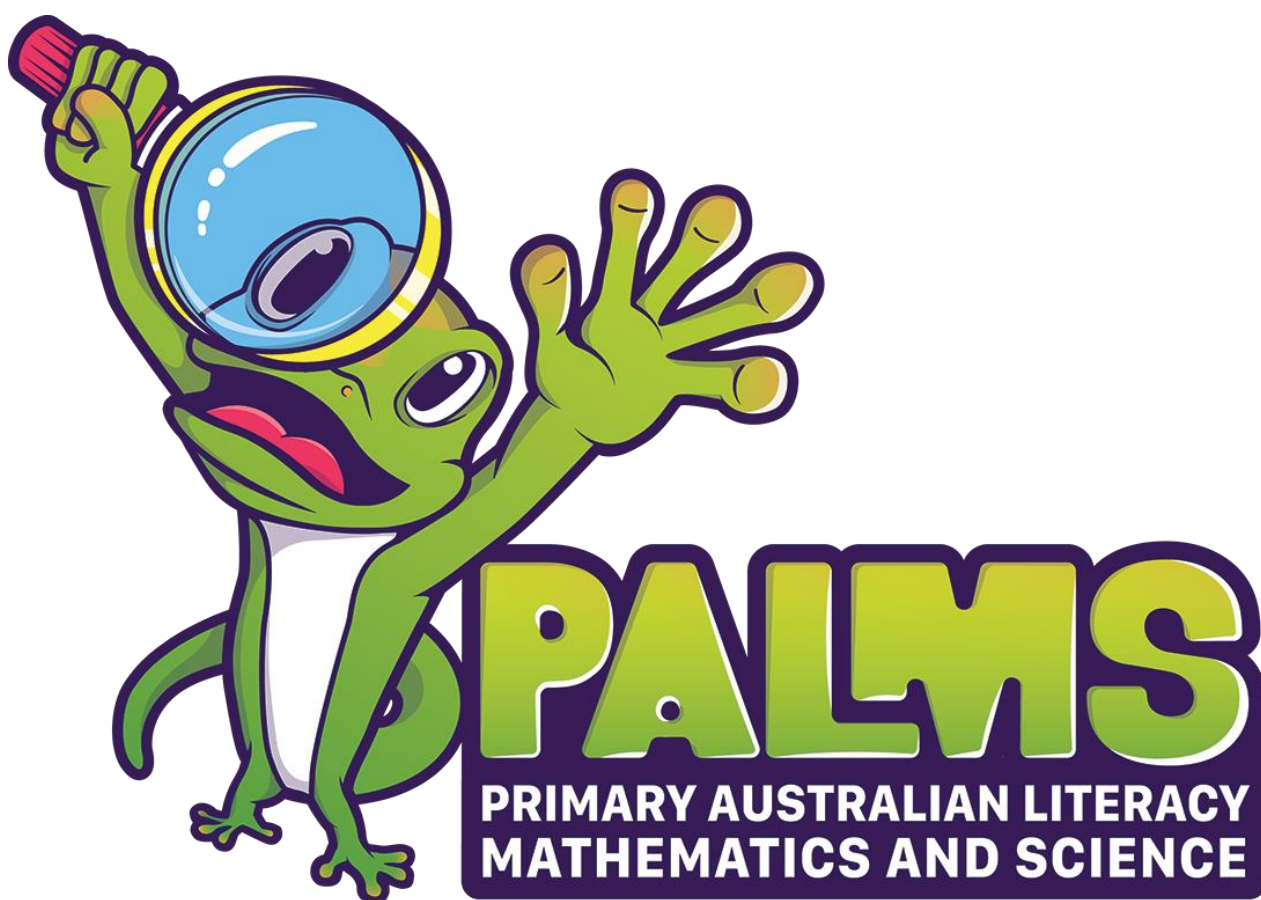


YEAR 2 STEM Projects

Science Technology Engineering and Mathematics
(STEM) Projects - Student Booklet



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Santos



STEM Project - Student Booklet

Products From Our Planet

Introduction

In this booklet, you can record all the information you find out about natural resources and how we use them!

Contents

1. *Where is the Water?*
2. *Reusing Vegetables*
3. *Recycling the Australasian Way*
4. *Resourceful Bees*
5. *Resources I Use*



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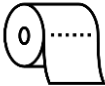


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Where is the Water?

You are going to find out where some different water sources are at your school. With your teacher's help, come up with a key of symbols to use for different types of water sources. We have given one possible example. Complete the rest of the table.

Map Key

Symbol	Water Source
	toilet





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Draw or glue the map of your school below and add the symbols in the places where you find the different water sources.

A large, empty rectangular box with a thin black border, intended for students to draw or glue a map of their school and mark water sources.

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Where is the Water? Extension activity

What are the different water sources used for? Complete the table

Name of water source	What is it used for?	How many are at our school?
e.g., drink fountain	Drinking from, filling water bottles	6





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Where is the Water? Extension activity

Survey form

Ask some students at your school how many times they use different water sources every day.



Survey question	Student's answers	
e.g. How many times do you flush the toilet every day?	Student 1	5
	Student 2	4
	Student 3	2
	Student 4	4





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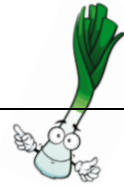
Reusing Vegetables

In the space below, draw a picture of your vegetable before it started to grow and after it grew. Make sure you label all the parts in your picture!

Before



After

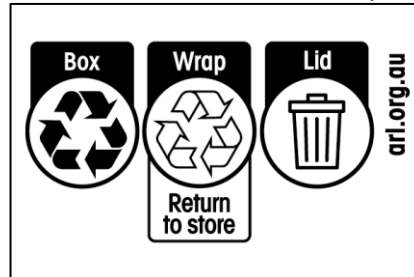





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Recycling the Australasian Way

Can you find symbols that look like this on some packets and containers?



Count how many of each type of symbol you found in the table below.

Symbol	How many did you find? (use a tally)
Example 	III (3)





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Draw a picture of where you found these symbols on one of the packets or containers.

A large, empty rounded rectangle with a thin black border, intended for the student to draw a picture of where they found the symbols on packets or containers.

Where would you throw out or recycle this packet or container?

A large, empty rounded rectangle with a thin black border, intended for the student to draw a picture of where they would throw out or recycle the packet or container.



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Resourceful Bees

Draw or write about the different stages in the life cycle of a bee.

Name	What do you know about it?
Egg	
Larva	
Pupa	
Adult	



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Resources I Use

Record how many of each type of resources have you used in a time period	
From (enter start time below)	To (enter finish time below)

Resource type	How many I used
Animals	
Water	
Plants	
Rocks & Minerals	
Energy	
Air	
Soil	
Water	

Draw any of the recycling symbols you saw on the resources you used





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Draw a picture showing what you did with any waste or leftover resources

A large, empty rounded rectangular box intended for the student to draw their project.

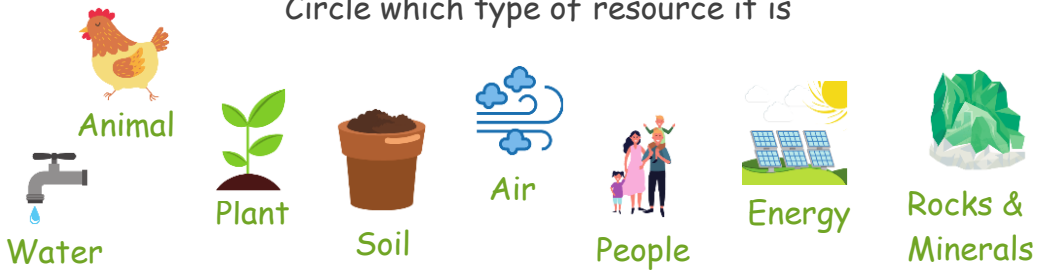
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Name one resource you used at school

Circle which type of resource it is



Can your resource be **reused**? Yes / No (circle one)

Can your resource be **recycled**? Yes / No (circle one)

Record any other information about your resource





STEM Project - Student Booklet

Name one resource you used at home

Circle which type of resource it is



Can your resource be **reused**? Yes / No (circle one)

Can your resource be **recycled**? Yes / No (circle one)

Record any other information about your resource

