



The General Manger
Cowra Shire Council
Mail bag 342
Cowra NSW 2794
Friday 16 June 2017

To the General Manager,

**Re: Small Environmental Project Application –
Secondary Productive Food Garden Project**

I am writing to you regarding the Secondary Productive Food Garden funded by the *Small Environmental Project Grant*. This garden has been completed by the due date and was successful. Please find attached our report on the *Secondary Productive Food Garden at St Raphael's Catholic School* including:

- Outline of the Project
- Expenses
- Photographs of the completed project

Thank you for your support with the *Secondary Productive Food Garden Project*. The garden will be a great asset to the St Raphael's Secondary Department and the students will continue to learn much from it.

Joel Stendell
On behalf of 8 Green Science
St Raphael's Catholic School
Cowra NSW

Miss Danielle Gibbs
Science Teacher
St Raphael's Catholic School
Cowra NSW

Mr. Andrew Casey
Assistant Principal
St Raphael's Catholic School
Cowra NSW

Report on St Raphael's Secondary Productive Food Garden.



This is a report about the St Raphael's Catholic School Secondary Productive Food Garden, supported by the Small Environmental Projects Grant provided by the Cowra Shire Council. This project has provided many opportunities for students at St Raphael's. Some of these include being actively involved in the planning of the garden, being involved in the building of the garden, writing opportunities for our Archibull blog, making videos of the project and finally investigating the Science behind vegetable gardening.



Photo: (top left) Year 7 Green Science ready to tidy up the site
(middle) Beginning to prep the site-Year 11 Construction helping out
(top right) Building the timber frames
(bottom right) Completed garden bed

The funding of \$1500 provided by the Cowra council has been used to build a garden. The materials used for the garden have been sourced locally.

- Timber to build the base of the garden was supplied by Hay's Timber Supplies.
- Carpet layer donated by Cowra Carpet.
- Sand, stone and topsoil were purchased from Hibbos Hire.
- Materials for watering system, fasteners, tools and other miscellaneous items from Bunnings.
- Additional timber from Jamieson's Joinery.
- Mulch and seedlings donated by Bunnings.



During Term 2 2017, the St Raphael's Secondary Students have been involved in the Archibull Prize competition- a multifaceted competition involving Art, sustainability, grains, communications and much more.

The Secondary students have extensively documented the Garden Project as an optional part of the Archibull Prize.

Detailed accounts of the processes involved in building the garden, and the learning involved can be seen in our blog at

<https://straphaelsarchibull2017.wordpress.com/blog/> .

Or use the QR code to the right.

Then follow the links to the pages on Gibbo's Garden.

QR Code:St Raph's Archie Blog



The Secondary students have made a good start towards the goals of the project. Additional support has been provided by Bunnings Cowra by the donation of seedlings and mulch. The garden will continue to be maintained by Science, Geography, Religious Education and Technology Mandatory classes. It will be continuously providing opportunities for many students in our school community to learn and develop skills. The school anticipates expanding the project in the future to include more gardening spaces, waste recycling (worm farming and composting), playground seating and water harvesting.

Thank you for your support in the beginning of the St Raphael's Productive Food Garden. We look forward to partnering with you in the future.

Table (right): Itemised expenses for the Secondary Productive Food Garden

Item	Unit \$	Number	Total
Neon pink spray paint	7.95	1	7.95
paint brush	1	1	1
Hardwood stakes	18	1	18
screwdriver bits	4.29	2	8.58
Press PVC Cap	1.7	2	3.4
Drill bit	13.09	2	26.18
PVC Elbow	3.35	2	6.7
Pipe slot	55	1	55
Pipe End cape	7.7	2	15.4
PVC Cap end	3.5	1	3.5
Weed Control mat	9.97	2	19.94
weed control mat	9.49	1	9.49
pvc pipe	9.97	1	9.97
cemnt solvent Cement Solv	5.15	1	5.15
pvc pipe 20mm	3.15	2	6.3
screws 100	45	1	45
screws 50	29	1	29
pvc cap end 50mm	3.5	4	14
sand	50	1.5	75
blue metal stone	55	1	55
delivery	20	2	40
cypress timber inc delivery	871.43	1	871.43
top soil	55	1.5	82.5
delivery	20	1	20
veg and herb fertiliser	15.19	2	30.38
trowel	3.31	6	19.86
Fork	3.31	2	6.62
Seasol	13.53	1	13.53
		Total	1498.88



Photos: (top left) Students line the wicking bed with plastic to make the water reservoir

(bottom left) students construct watering system

(middle) students will the garden bed with soil

(bottom right) students plant the seedlings in the garden.

