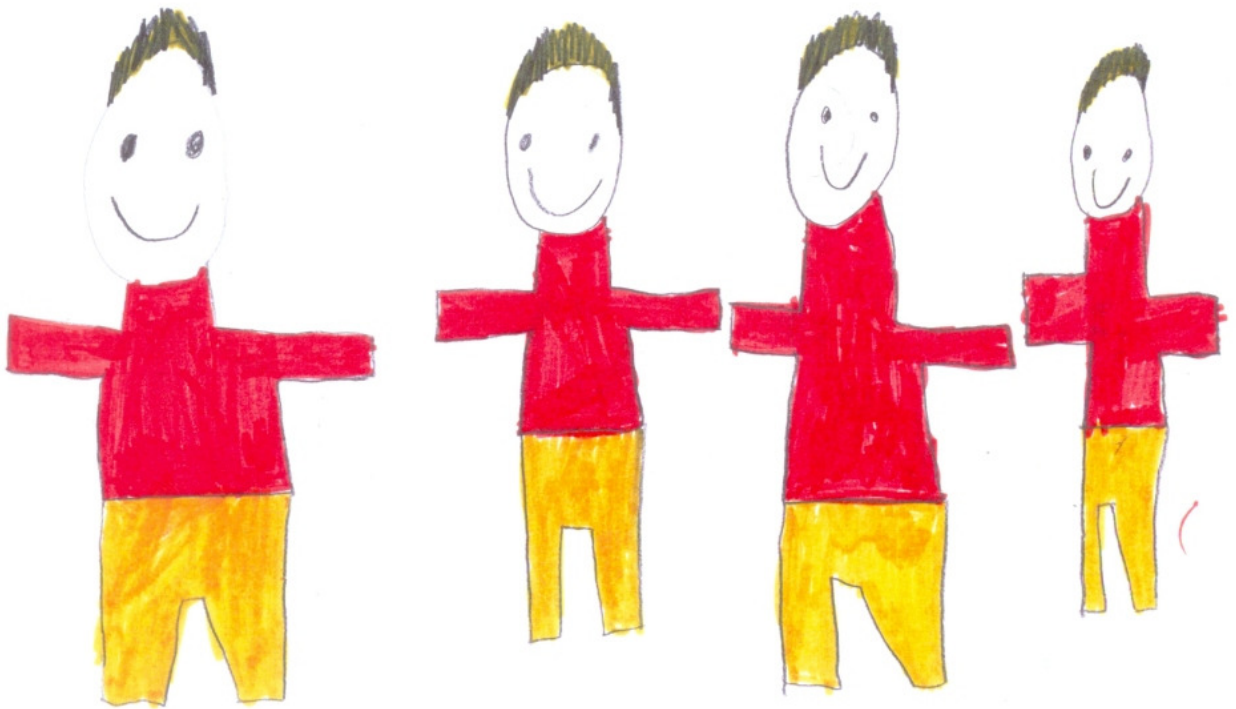
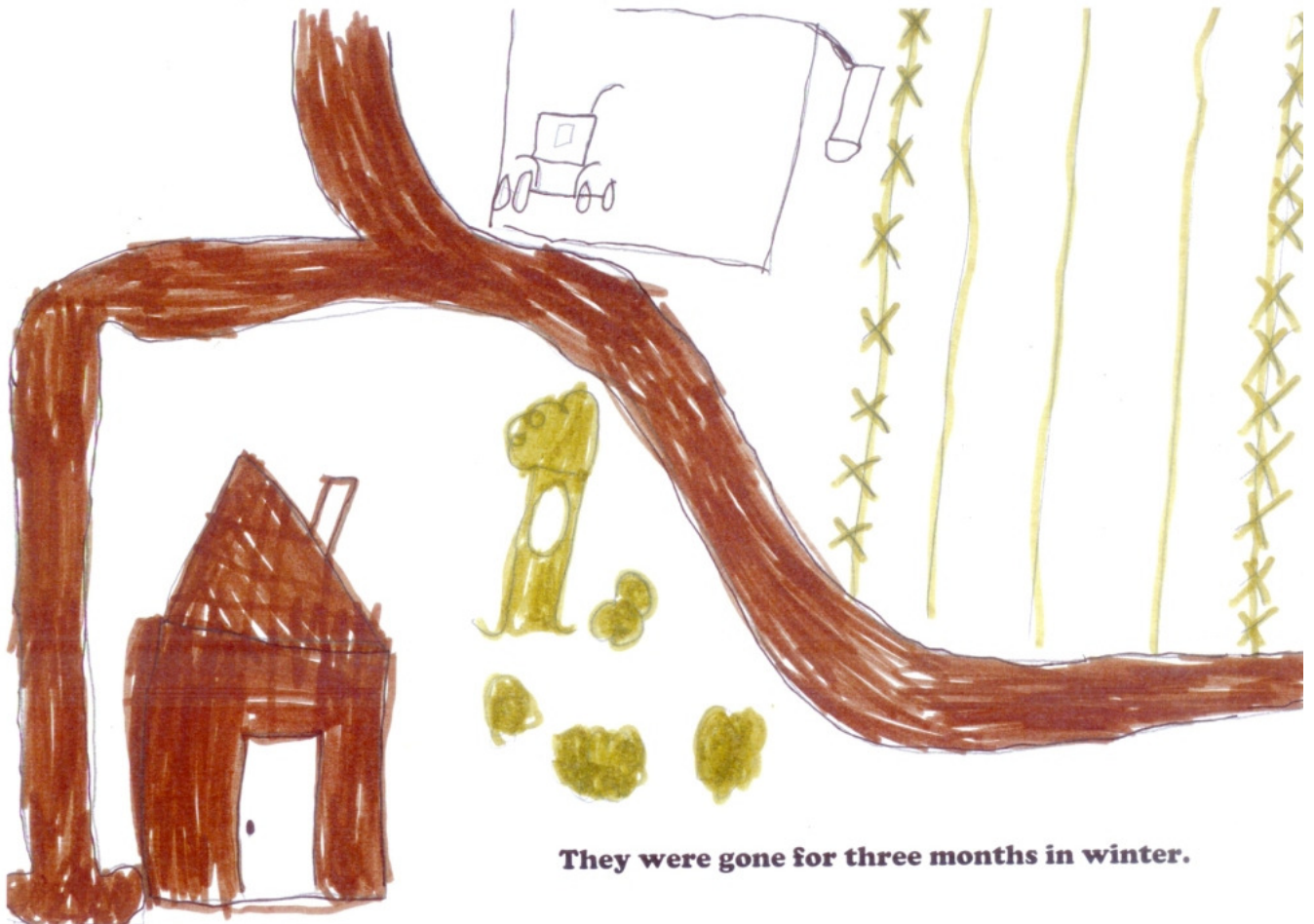
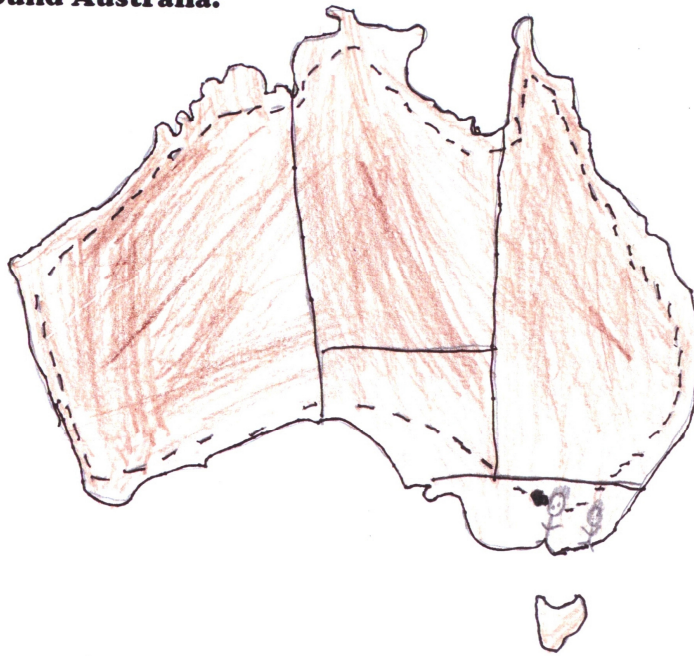


# The Four Farming Brothers



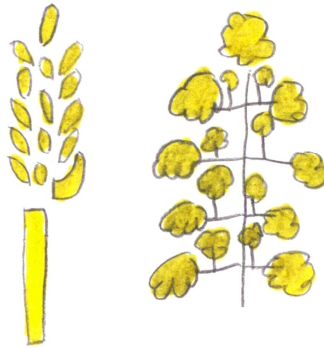
**Four farming brothers, called Oliver, Flynn, Jonty and Dalton, went on a holiday around Australia.**



**They were gone for three months in winter.**

**When they left, they had just finished putting the crop in. They put in canola, barley and chick peas.**

**They had direct drilled it.**

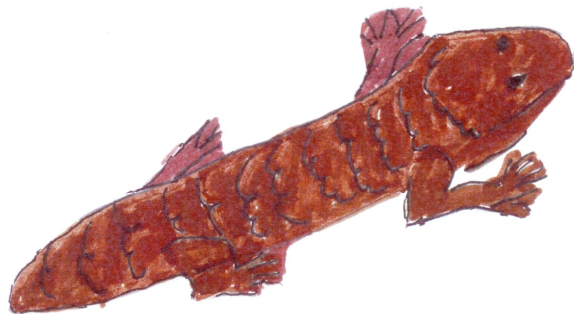
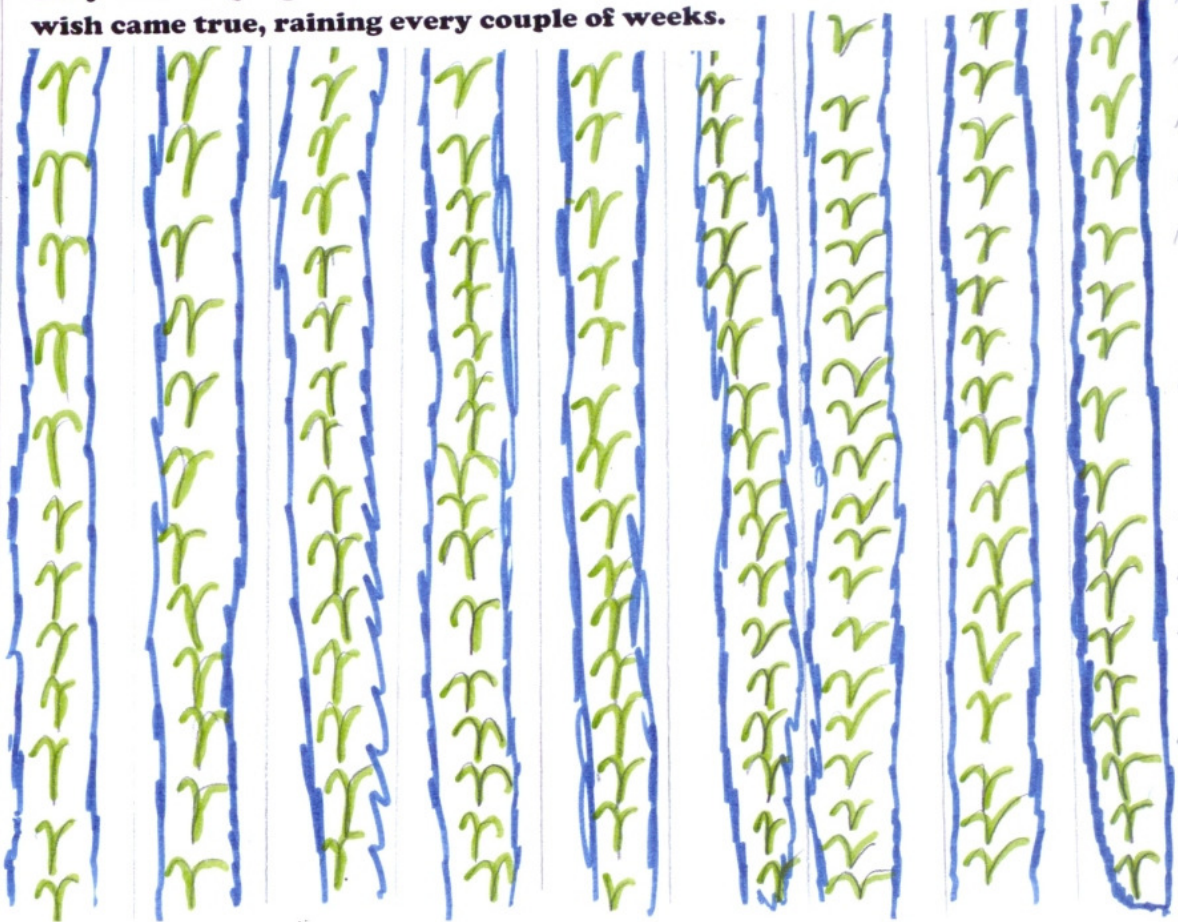


**They had dry sowed it into their sandy soils.**





They were hoping for a rain to grow crops while they were away and their wish came true, raining every couple of weeks.



It's also good for their Black Box swamp where the kookaburras, snakes and shingle backs live. These animals eat mice.

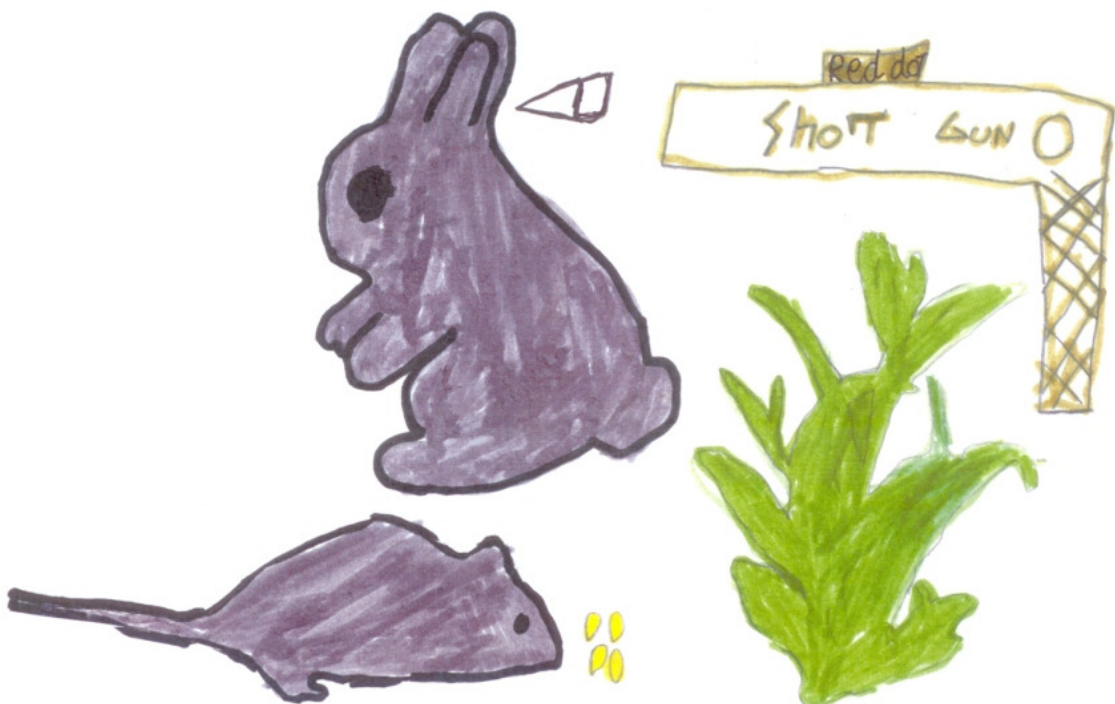




**When they got home, they had a drive around the farm. It was a disgrace.  
The weeds had got away.**



**The mice and rabbits turned into a plague. The rabbits and mice were too  
cunning because they were used to the snakes sneaking up on them. The  
shingle backs were sick of the same old weeds.**



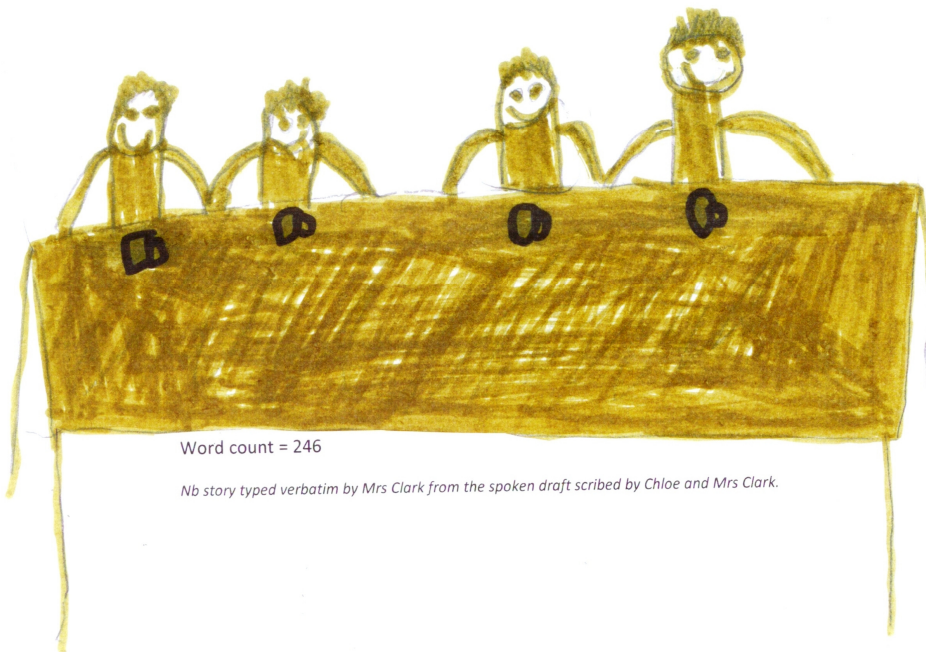
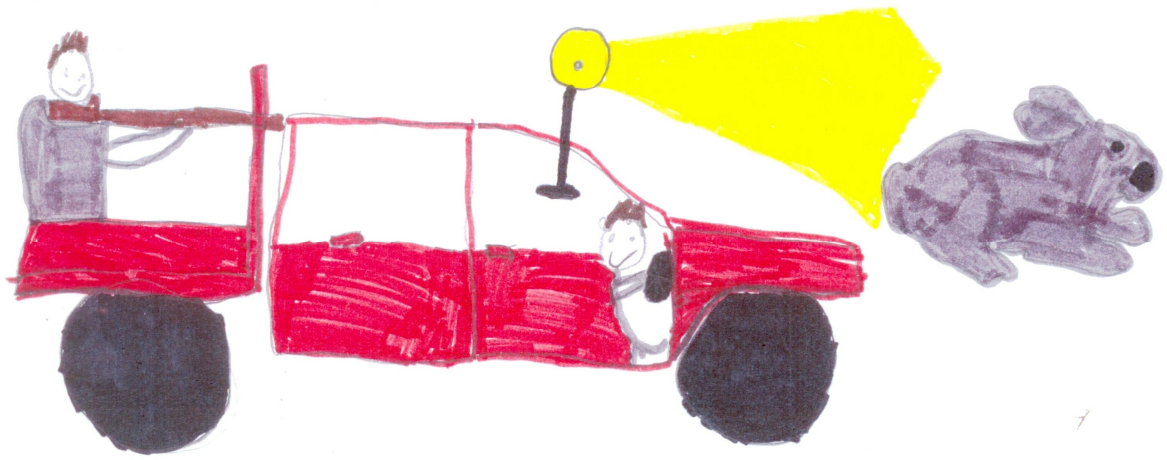
**The next day they started fighting all of the pests. Oliver went on the sprayer and sprayed the weeds.**



**Dalton baited the mice away from the black box trees so the shingle backs and kookaburras and snakes didn't get poisoned.**



**Flynn and Jonty went and shot some of the rabbits. They kept the process going and going until the rabbits and weeds had calmed down.**



Word count = 246

*Nb story typed verbatim by Mrs Clark from the spoken draft scribed by Chloe and Mrs Clark.*

**Then they sat down and had a drink.**

**Flynn said "Now we can farm sustainably even better, fellas," and Oliver said, "You got that right brother."**



"Yes we can" said the people, "farm sustainably."

## Flynn and Oliver (Y 4 and 3) - Key Science Ideas

about a farm environment

A farm environment means land, air, water and living things. Living things means animals and creatures and trees and saltbush and other plants. Man-made things are part of the farm environment.

about what 'sustainably farming' means

To keep crops, stock, life, ground, water going/living

about direct drill

It means to leave stubble standing, not work the paddock over before putting the crops in.

about crops

Canola, barley, chickpeas

about kookaburras

Eat mice, Blackbox trees are good for kookaburras because they have hollows

about snakes

Eat mice

about rabbits

Shoot them to get rid of them because they eat the crops

about stumpy tail lizards/shinglebacks

Eat the insects and some plants

Add more as you need:

about

dictated by Flynn and Oliver to Cath and typed by Mrs Clark

Appendix for "Yes we can" said the people, "farm sustainably." by oliver Flynn

## Bibliography - Our resources

Each student in this class researched the farm on which they or a friend lived:

- observed and recorded its environment by drawings and a table.
- interviewed the farmer about farming sustainably.
- conducted a water and a soil salinity and a soil texture tests.
- used tables and summarised the results for each aspect researched.

These were shared and collated into individual and class references:

These are the references created by the students in their.

tick if used in story	Resources from classwork in the "Sustainability and our Farmland Environment" unit.	research type	available as a reference
✓	my farmland environment	drawing	Collated into one page for each student that follows as Reference 1 – My Farmland Environment Research
✓	macro-invertebrates (little creatures) seen on my farmland	drawing	
	my farmland – summary report of the features from each part of the environment	table	
	water salinity from the farm was tested (as part of the Saltwatch program) and reported for its usefulness to the farmer	water tests	
✓	soil salinity and texture tested and reported for its class (usefulness) to the farmer.	soil tests	
✓	farmer interviews meanings of sustainability and sustainable farming how to farm sustainably for crops, stock, nature and specific issues	interview with farmer	in student workbooks
	sustainably farming reports table of all replies to interview and summary into one class statement	table for each qn	on School website see Ref 2 below
✓	The story of our land Geological history was modelled in the sandpit and photographed, put into a timeline of stages and made into a class reference book.	landscape history	In school library see Ref 3 books



Reference 1 – My Farmland Environment Research collected by Flynn, year 4

- definitions,
- crops,
- stock,
- care for nature
- and sustainability issues.

Reference 1 – My Farmland Environment Research collected by Oliver, Year 3

- definitions.



Tick if used for your story	Reference 2 - Bibliography for Web sites
	The following is the list of the website references that were created by the children for this project from their interviews
	<i>Dates and time of access have been left off as all students helped create these resources and they were uploaded on 13 June 2012 to the school website as part of participating in the Australian Year of the Farmer.</i>
✓	"What does sustainability mean?", by St Josephs PS Senior class, 13 June 2012, sourced as sts_sustainability.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"What does sustainable farming mean?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_sustainablefarming.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"What does sustainability mean?" by St Josephs PS Senior class, 13 June 2012 sourced as sts_crops.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
	"What does sustainability mean for stock?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_stock.pfd at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"What does sustainability mean for caring for nature?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_nature.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"What problems does sustainable farming have here?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_issues.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"The Landscape of Hopetoun - how it was made over a long time" by Jeanie Clark, 28 June 2012, sourced as sts_landhistory.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>
✓	"Our Mallee Farmlands - environmental features" by St Joseph's PS Senior class, 28 June 2012, sourced as sts_ourfarmlands.pdf at <a href="http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html">http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html</a>

J. Clark , Science Talent Search, Bibliography Proforma, 2012

Tick if used for your story	Reference 3 - Bibliography for Books
	The following is the list of the book references that were available to the children for this project.
	<i>If you only use a part of these books, add the page numbers at the end</i>
✓	Clark, Jeanie (2012), "The Landscape of Hopetoun - how it was made over a long time", St Joseph's Primary School class room publication, Hopetoun.
✓	Crocombe, Angela (2006) <i>Farming Australia- Grain Farming</i> Binara Publishing P/L
	Dalglish, Sharon (2005) <i>Farm animals- Cattle</i> , MacMillan Education Australia
	Hamilton, Fiona (1994) <i>The Workboot Series - Wheat</i> , The Kondinin Group
	Pelusey, Michael & Jane, (2003) <i>Outback Australia - Life on a Sheep Station</i> Macmillan Education Australia
✓	Pyers, Greg (2001) <i>Australia's Introduced Plants and Animals - Book4 Mesquite to Rubber</i> . Vine Reed International Books P/L
	Thomas, Ann (1998) <i>Farms - Sheep and Cattle Farms</i> , Macmillan Education Australia
	Thomas, Ron, & Stutchbury, Jan (1996) <i>Feral Animals - Pigs and Goats</i> , Macmillan Education Australia
	Wykeham, Nicholas (1979) <i>Farm Machines</i> . Raintree Children's Books
✓	Isham, Marion & Steve (2004) <i>Draw Australian Animals</i> . Bandicoot Books, Margate. Tas

J. Clark , Science Talent Search, Bibliography Proforma, 2012



Tick if used for your story	Reference 4 - Bibliography of Class Lessons
	The following is the list of topics in class lessons that could be used as references for their stories:
✓	the Environment and its Features
✓	Sustainability
✓	Story of our land
✓	Lunettes – landform, Native Pines and 'Snow Drifts'
	Salinity in Water
	Saltwatch - Water Salinity in our Area
✓	Soil Salinity and texture
✓	Rain coming - clouds and processes
	Shinglebacks/Stumpy Tailed Lizards and Blue-Tongue Lizards
	Bats especially Micro-bats
	Minibugs – helpers, threats and passers by – including what worms do
	Wild Melons – Afghan and Paddy Melons
	Our Crops and what we use them for.
✓	Keeping Stubble, trees and shelter belts- sustainable farming for dry times.

J. Clark , Science Talent Search, Bibliography Proforma, 2012

WORD COUNT for our story = 246 ..... words

### Acknowledgements

Thank you to those who have helped us in this project by:

✓ if helped	doing what	by whom
✓	answering our farm interview and other questions for research for our story	vert ichu
✓	scribing our words for us	see the note at the end of the story
✓	typing our draft words for us	Mrs Clark
✓	suggesting better spelling and grammar	Miss Maiden, Mrs Clark
✓	Teaching us how to format our pages	Miss Maiden
✓	teaching us about 'Sustainability and our Farmland Environment'	Mrs Clark

J. Clark , Science Talent Search, Bibliography Proforma, 2012