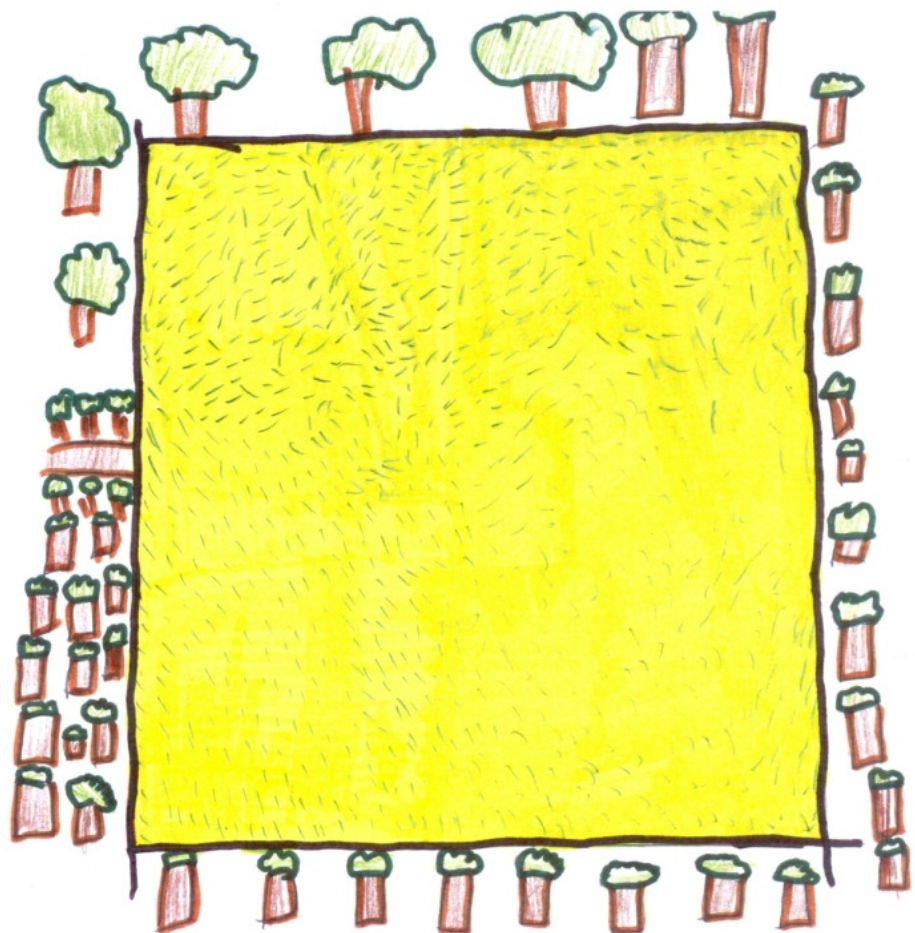


Saving the barley.

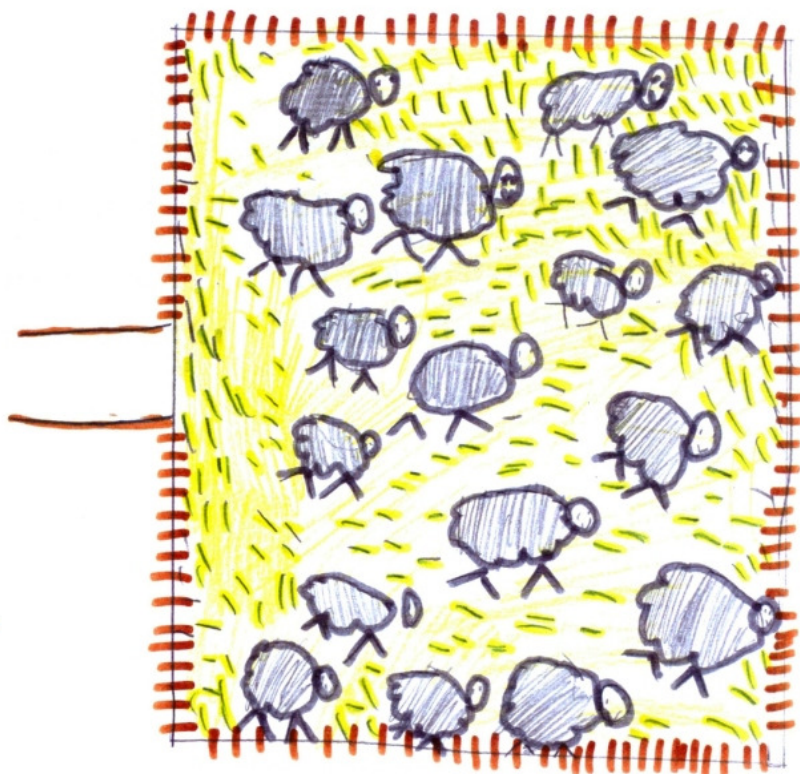


By Jonty Bellinger and Natalya Gebert.

IT IS SPRING TIME. OUR FARM IS MIXED. EVERYTHING IS
GROWING.

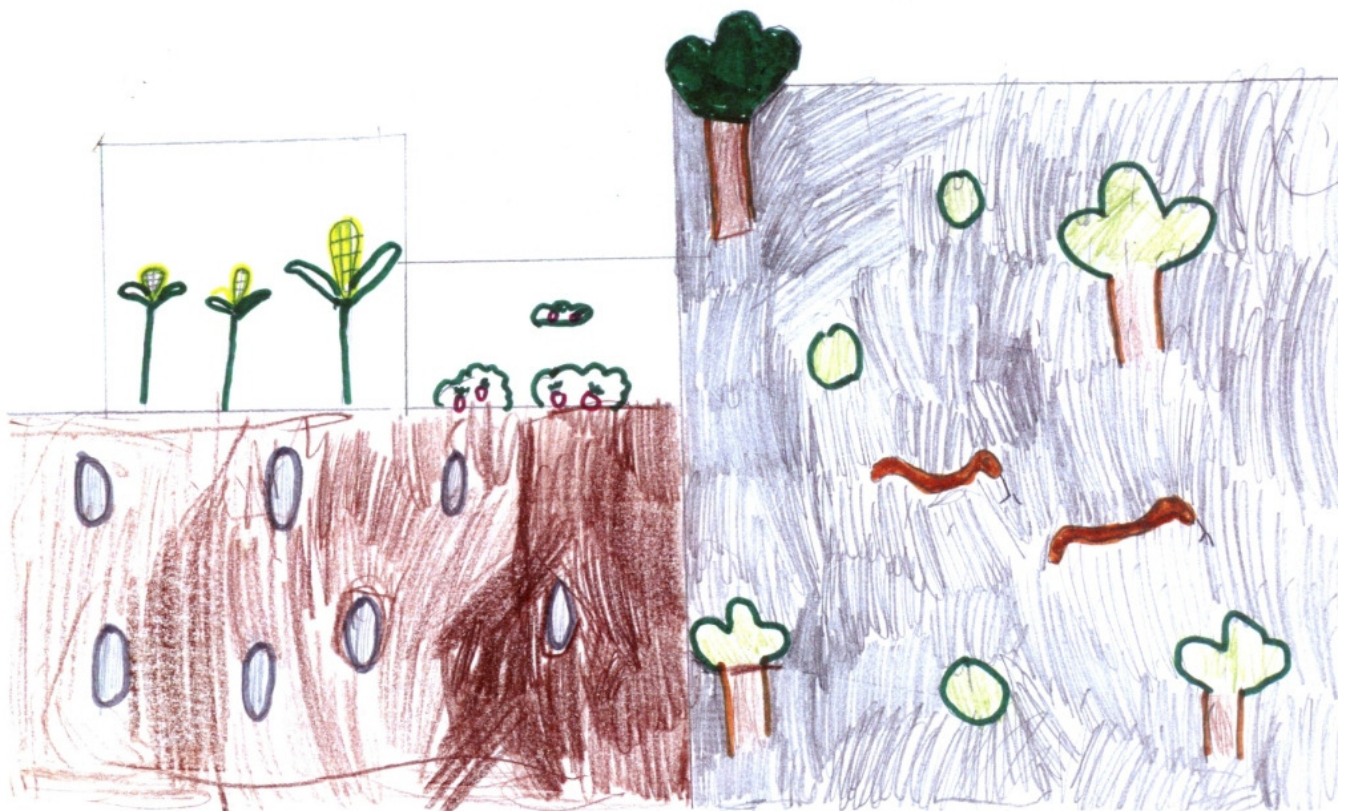


OUR ANIMALS ARE EATING IN THE PADDOCKS.



THE FARM GROWS BARLEY, VEGETABLES - CARROTS,
POTATOES, AND CORN - AND FRUIT - STRAWBERRIES.

WE HAVE LOTS OF TREES ON OUR FARM. IN THE PADDOCKS,
YOU CAN SEE PADDY MELONS AND SNAKES.



KANGAROOS ARE SLEEPING ON THE BARLEY AND
FLATTENING IT. THE RABBITS ARE PESTS, THEY ARE EATING
OUR BARLEY. KANGAROOS ARE NATIVE TO AUSTRALIA. THEY
ARE CAUSING OUR FARM PROBLEMS. I WISH THE RABBITS
WOULD GO BACK TO ENGLAND. THEY KEEP EATING OUR
BARLEY AND VEGETABLES AND FRUIT.



FOXES ARE TRYING TO KILL THE SHEEP.

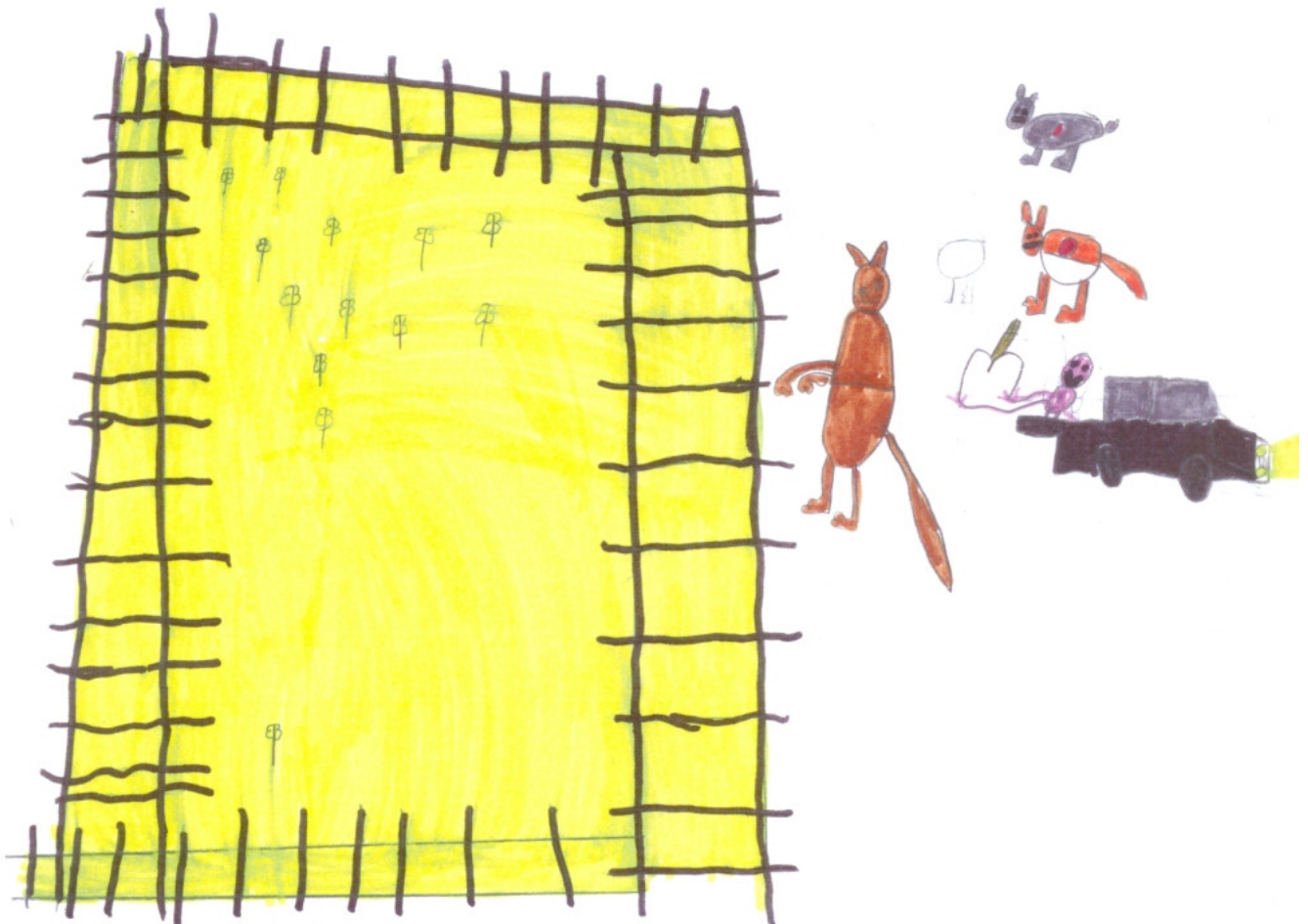


TO SOLVE OUR PROBLEMS WITH FOXES AND RABBITS WE HAVE
TO SHOOT THEM AND KEEP A FENCE AROUND OUR BARLEY
CROPS TO KEEP THE KANGAROOS FROM JUMPING AND
FLATTENING IT.

NOW IT'S BETTER FOR NATURE.

Word count = 140

Nb story typed verbatim by Mrs Clark from the spoken draft scribed by Mrs Allen.



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

Jonty and Natalya (Y3's) - Key Science Ideas

about a farm environment

A farm environment is looking after your crops, vegetables, plants and animals.

about what 'sustainably farming' means

keep crops going and running

about plants

Plants need water, sunlight and soil.

about barley

Barley has a stem and grain at the top. We grow it for cows and sheep and us to eat.

about foxes

They eat sheep, they are native to England. In Australia we kill them because they are pests. They live in burrows.

They look like a red/orange dog with white fur under their stomachs.

about sheep

They came on the First Fleet. They eat grain, hay, and grass. They are white, fluffy and look a bit like clouds. Farmers use them for wool and food.

about rabbits

They eat farmers' crops. They live in burrows and timber. Rabbits are native to England. They look like fluffy, grey small four legged animals.

about kangaroos

Hop on two legs and use their tail to balance. The mother has a pouch to keep the joey (baby roo) in. They are native to Australia. They eat grass, wheat and barley.

dictated by Natalya and Jonty to their scribe Miss Cook and typed by Mrs Clark

Appendix for "Yes we can" said the people, "farm sustainably." by *Natalya Jonty*

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.



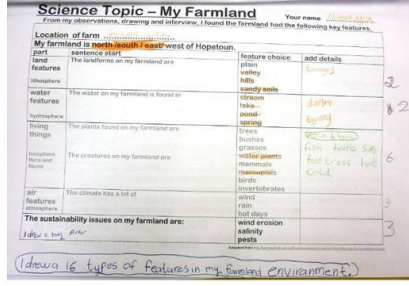
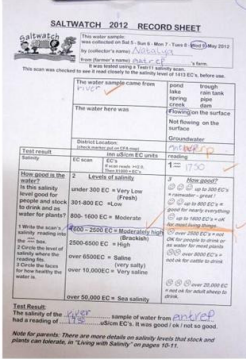
These were shared and collated into individual and class references:

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



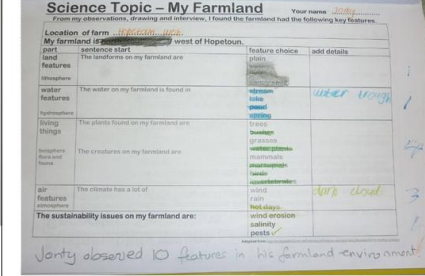
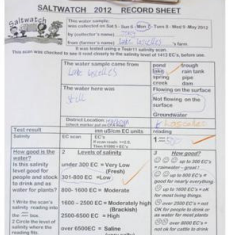
“Yes we can” said the people, “farm sustainably.”

Reference 1 – My Farmland Environment Research collected by Natalya, year 3

Drawing of the Hopetoun West farm environment	and its little creatures	and reporting of its features
		 <p>ie 16 features recorded from all parts of the environment</p>
<p>Natalya's Water and Soil Tests</p> <p><i>from the Wimmera River at Antwerp (to see if different to local water)</i></p> <p>water salinity 1750 ECs = moderately high salinity</p> <p>absent for soil texture soil salinity Class</p>		<p>Natalya's interviews contributed to class reports on the school website:</p> <ul style="list-style-type: none"> • definitions, • crops, • stock, • care for nature • and sustainability issues.

“Yes we can” said the people, “farm sustainably.”

Reference 1 – My Farmland Environment Research collected by Jonty, year 3

Drawing of the Hopetoun West farm environment	and its little creatures	and reporting of its features
 <p>and a second farm drawing at right</p>		 <p>ie 10 features recorded from all parts of the environment</p>
<p>Jonty's Water and Soil Tests</p> <p><i>from Lake Lascelles</i></p> <p>water salinity 500 ECs = Low salinity</p> <p>soil texture = sandy loam</p> <p>soil salinity Class 0 = not saline</p>		<p>Jonty's interviews contributed to class reports on the school website:</p> <ul style="list-style-type: none"> • definitions, • crops, • stock, • and sustainability issues.

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
	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.
✓	"What does sustainability mean?", by St Josephs PS Senior class, 13 June 2012, sourced as sts_sustainability.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"What does sustainable farming mean?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_sustainablefarming.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"What does sustainability mean?" by St Josephs PS Senior class, 13 June 2012 sourced as sts_crops.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"What does sustainability mean for stock?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_stock.pfd at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"What does sustainability mean for caring for nature?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_nature.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"What problems does sustainable farming have here?" by St Josephs PS Senior class, 13 June 2012, sourced as sts_issues.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"The Landscape of Hopetoun - how it was made over a long time" by Jeanie Clark, 28 June 2012, sourced as sts_landhistory.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html
✓	"Our Mallee Farmlands - environmental features" by St Joseph's PS Senior class, 28 June 2012, sourced as sts_ourfarmlands.pdf at http://www3.sjhopetoun.catholic.edu.au/sts-resources-2012.html

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.
	If you only use a part of these books, add the page numbers at the end
	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 = 140 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	greg Bellenger. col raid.
✓	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