

# NAWARDDEKEN NEWS

Week 9 Term Three

◆ Issue 8

## WARDDEKEN IPA 10<sup>TH</sup> ANNIVERSARY CELEBRATION



People from across the IPA and beyond gathered at Nawalbin for the 10<sup>th</sup> anniversary of the Warddeken IPA. The hard work and achievements of all who have contributed to the setting up and running of the Warddeken IPA was celebrated with speeches, kunkerri (groud oven) and kunborrk (dancing). It was a great event to celebrate the past, present and future leaders of the IPA and wonderful to see the wurdurd strong and proud in culture and on country. A big thankyou to everyone involved for making it happen!





# LANGUAGE AND TECHNOLOGY

We continued to focus on languages and technology at Nawarddeken Academy following the Puliima Language and Technology conference earlier this term.

## TENDRIL WORKSHOP

In week 7, Nawarddeken Academy hosted a Tendril workshop run by Warren and Ryan from Inyerpocket. Tendril can be used to create apps in Biniṅ Kunwok. It was wonderful to see so many adults take part from Kabulwarnamyo as well as Manmoyi community who travelled over to join in with the Tendril training.



The adults involved worked on creating resources around Manwurrk (fire) and Bim (rock art) as well as supporting the students in making their apps. They explored how Tendril could be used to record cultural knowledge and capture images to make ranger, community and school resources



The class created an app to learn the kunkodj, kunkalang, kunbard, kundenge - heads, shoulders, knees and toes song in Biniṅ Kunwok. The students made characters and Serina recorded their voices. Students then used tendril to add the pictures, write the words and add the recordings on tendril.





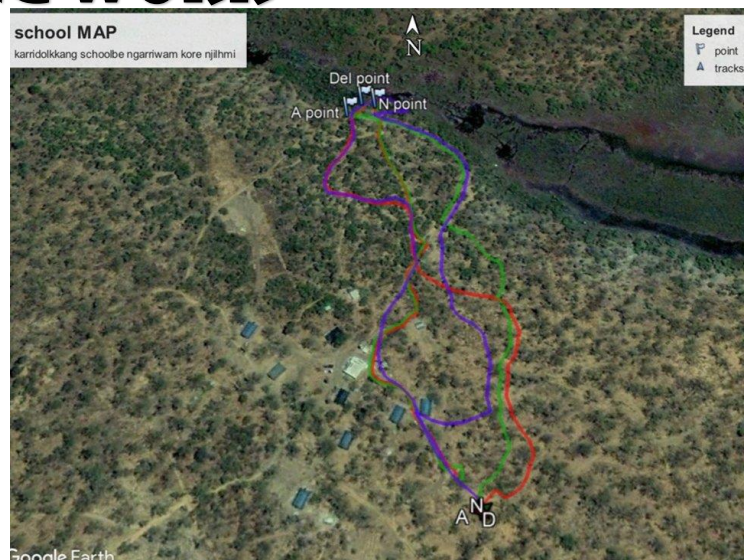
# TENDRIL WORKSHOP CONT.

Natasha created a fantastic kunj (kagaroo) resource. She used her own language and computer knowledge as well as working with others to make an app which has pictures, recordings and games.



## MAPPING WORK

Claudia and Rebecca ran a session for the students to learn about how the rangers use mapping in their work. The students learnt about: coordinates, using a GPS, using Google Earth to create a map and tracking a journey. Students created maps with titles, legends and scales. Wurdurd included information about their map in Bininj Kunwok.



Looking at Kabulwarnamyo on Google Earth.



Setting up the GPS trackers.



Going on a walk around Kabulwarnamyo..



Wearing the GPS trackers.



Recording a point on the journey.



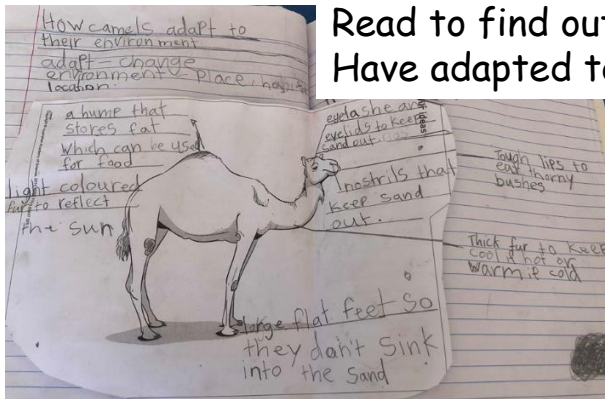
Making a map of the track on Google Earth.



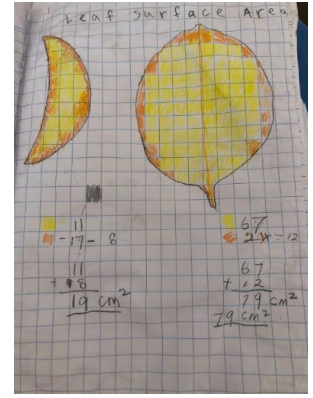
# Student Work

## Science

Adaption: How have plants and animals changed to suit desert environments?



Read to find out how camels have adapted to the desert.



Students did an experiment to find out about how plants lose water through their leaves. Then they tested how the surface area of the leaf changed the time taken to lose water in the sun. A cloth was used to represent a leaf..

Life Cycles: How do living things grow and change?

Students learnt about the lifecycles of different animals and how some animals stay the same shape but grow bigger while others change completely when they grow up! Students have watched frogs and puppies growing this term and created a frog life cycle to show the different stages frogs go through as they grow up.



1 day old: eyes closed, no teeth, can't walk and only drinks milk.



3 weeks old: eyes open, growing small teeth, can walk and eat = food and milk.



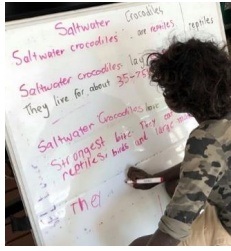
Classification: How can we group animals?

Students chose how to sort animals into different groups and explained what their groups had in common. They then grouped animals like scientists do using the words mammals, reptiles, birds, fish, amphibians and insects.

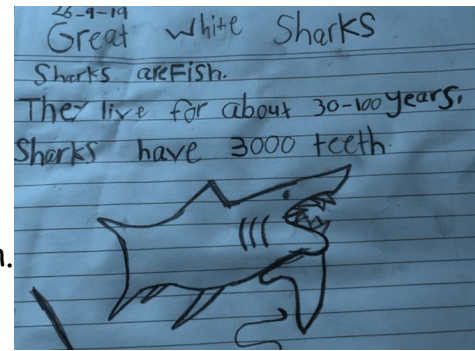




# Science



Students have been reading information reports about Freshwater crocodiles. We worked together to use what we have been learning in science to write an information report on the Saltwater crocodile. Then students chose their own animal to research and write their own information report on.



# Health



Students have been learning about the food pyramids and foods that help you 'go', 'grow' and 'glow'. Students created their own healthy food pyramid and used what they had learned to sort the foods at school into their different food groups.

# Literacy

Mandudjmi group wrote a Kabulwarnamyo story based on the book Farmer Duck, which is about a lazy farmer and a hard-working duck. We hope you enjoy our story!

## THE TEACHER DOG

There was a poor old dog called Barbin who lived with a lazy teacher.

Barbin did all the work and the teacher was sleeping in the library. Barbin rang the bell. "How goes the work" said the teacher.

Barbin said "Woof!"

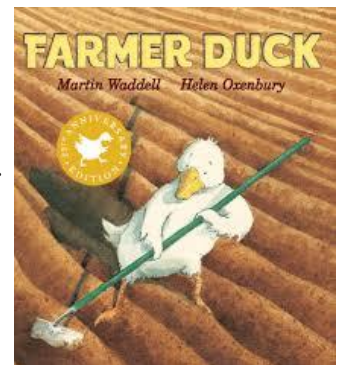
Barbin taught the kids footy. "How goes the work?" said the teacher.

Barbin said "Woof!"

Barbin cut the fruit. "how goes the work?" said the teacher.

Barbin said "woof!"

The lazy teacher slept in the library all day! Barbin was tired and crying. Djinkarr and Marley and Juno made a plan to help Barbin. Djinkarr and Marley and Juno pulled the teacher out of the beanbag. The dogs chased the teacher away! The next day Djinkarr, Marley and Juno helped Barbin teach the kids.







# RANGER NEWS



## FIRE FIGHTING

Warddeken have been continuously fighting fires in the IPA every day from 1st August- 22nd September. Fires have been near Mikjing Valley, Jabiru, Gamarrgawan, at Kunbarai, Gunmarrinbang, Kubumi, and along the Liverpool River. Rangers have worked very hard alongside coordinators to put these fires out, made harder by strong winds!

By Nat



### Remember!



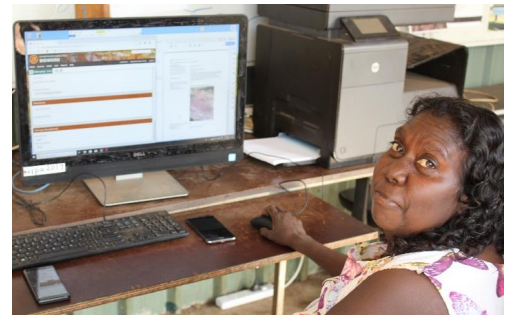
Make sure campfires are put out when going out bush and be careful not to light fires on country at this time of year. It is very dry and strong winds are taking fire a long way away from where it starts!



## BIDWERN TRAINING

Claudia ran a Bidwern training in Kabulwarnamyo with the Daluk rangers. This is another fantastic way that language and technology are being used together to share Biniŋ knowledge,

Daluk rangers enter information into Bidwern which is Warddeken's live cultural archive. Bidwern is used to organize rock art data to keep the information for the community and future generations.



## NEW BUILDING

Rob, Kade, Sebby and Jimmy with the new storage shed being built near the workshop in Kabulwarnamyo.



# THE NAWARDDEKEN ACADEMY EVALUATION UPDATE

In September, our team of community-based researchers Rosemary, Conrad, Serina, Dean, Lizzie and Delvina, supported by John Guenther from Batchelor conducted the first data collection for the Nawarddeken Academy Participatory Evaluation. Researchers worked together to establish a series of questions to ask parents, community members, rangers as well as Nawarddeken and Warddeken employees. Some of the questions included:

- How do you see the future for Education in your community?
- What do you think children should be learning about and how should they learn?
- What do you think about two-way learning?
- How do we work with students that are moving around?
- How do we support children in a changing world?

After developing the questions, researchers went through the process of gaining permission from people to be interviewed and asking the questions while recording the replies. The team successfully interviewed many community people in Kabulwarnamyo and look forward to conducting more research in other communities in West Arnhem later this year and early next year. If the team did not get around to interviewing you and you would like to be part of the research, please let any of the researchers or school staff know and we will plan to work with you during the next data collection.

## ★ IMPORTANT DATES FOR OCTOBER ★

<u>Date</u>	<u>Event</u>
Wednesday the 2 <sup>nd</sup>	Gunbalanya Clinic Plane
Monday 7 <sup>th</sup> – Friday 11 <sup>th</sup>	<b>School Holidays</b>
Monday 14 <sup>th</sup>	<b>Term 4 starts</b>
Monday 28 <sup>th</sup> of October – Friday 1 <sup>st</sup> November	Printing Workshop with Sophie  
Coming up in November	CABAH Rock Art Education Kits - using wasps nests to date rock art

## Melbourne Trip

Nawarddeken Academy is looking to finish off the year with a trip to Melbourne for students with good attendance! More details to come next term!

