

NAWARDDEKEN NEWS

NAWARDDEKEN ACADEMY



BININJ, BALANDA AND BALI KNOWLEDGE

BATIK AND PRINT WORKSHOP WITH SOPHIE.

Recently Sophie Lewis-Smith ran a 4-day batik and printing workshop with yawurrinj, yawk yawk, wurdurd, and daluk using different fabrics, natural dyes from Kabulwarnamyo and dyes from Darwin. We wanted to find out how the natural dyes worked with cotton, silk and rayon using a cold dyeing process needed for batik production. Natural plant based Indigo from Bali was also tested.

Daluk collected and prepared colour, observed by students. Sophie and daluk tried different chemicals to prepare the materials for dyeing and to increase the uptake of natural dye into the fabrics. The women found silk took up the dye better with stronger colour than cotton. It was a week of combining knowledge from Bininj, balanda and Bali! Daluk have the opportunity to use the knowledge gained and set up a community-based enterprise if they wish.



Printing and Dyeing- New Skills and Old

Students had the opportunity to develop new art skills in batik production, lino printing and tie-dyeing. They printed and tie-dyed book bags which will be used to take home weekly reading books. Students found the lino printing challenging but learned persistence and developed early skills in this technique. We hope to do more printing in the future with the equipment we have purchased.

SCIENCE , TECHNOLOGY, ILC GEOGRAPHY AND LITERACY

Finding out about different materials and their properties.

Bininj use many natural materials like wood, ochre, pandanus, string and colour. Technology is the use of knowledge to solve problems or invent useful tools. Freddy came and taught the students about how he uses ochre for painting and how fire changes the colour of ochre from yellow to red.



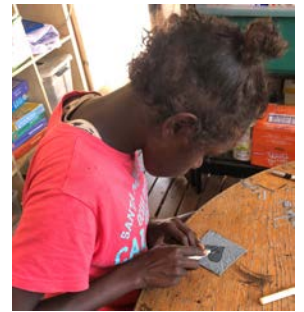
Students have been finding out about materials like fabrics, wood and plastic. What are their properties? And what are they used for? Wool is a fabric that doesn't burn easily and can be worn by fire fighters to protect them from heat and flames. Silk comes from Asia, is soft and strong, shimmers in the light and is made by silkworms.

We conducted an experiment to find out how materials absorb water. Which materials soak up a lot of water. Which soak up a little then leak water and which materials don't absorb any water or repel it.

Students will use this knowledge to design clothing to wear in a hot climate made from a sustainable fabric.



Science experiment: Which materials absorb water?



Wurdurd learned about the 3 little pigs and how they built their houses from straw, sticks and bricks that had different properties that could protect them from the wolf.



Numeracy



Shaunell and Kerrida holding spheres.

In mathematics students have been learning about shapes and angles. Students found angles and shapes around the school and made their own 2D shapes (sides, corners, angles and symmetry) and 3D shapes to count the faces, edges and vertices.

Mitchell making a 3 D shape.

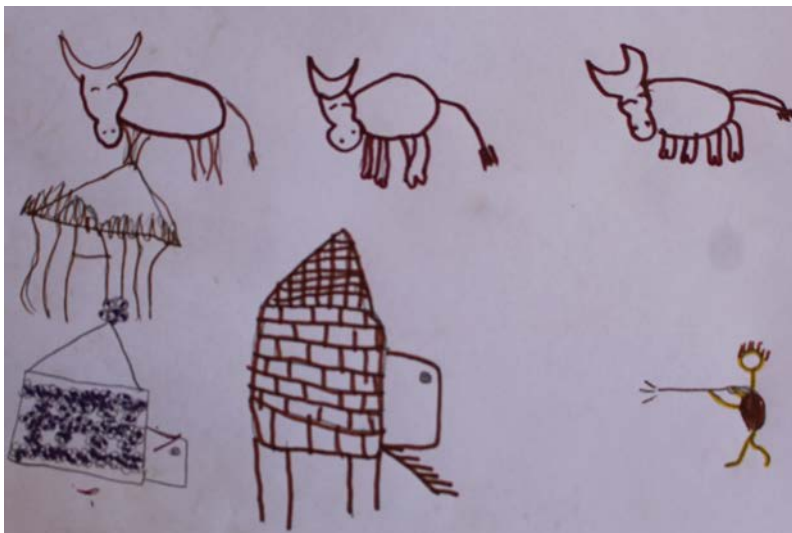


More Learning

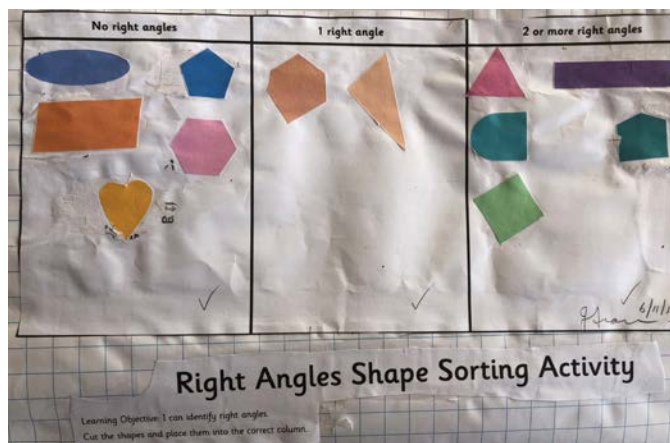
Three Little Buffaloes

The three little buffaloes left home to build houses. The first buffalo built his house out of pandanus. The big fat man ran it down. The second buffalo built his house out of bricks. The big fat man broke it down. They ran and made a flower house. He smelled the flowers. He wanted to play with them and then they were friends.

By Andrick.



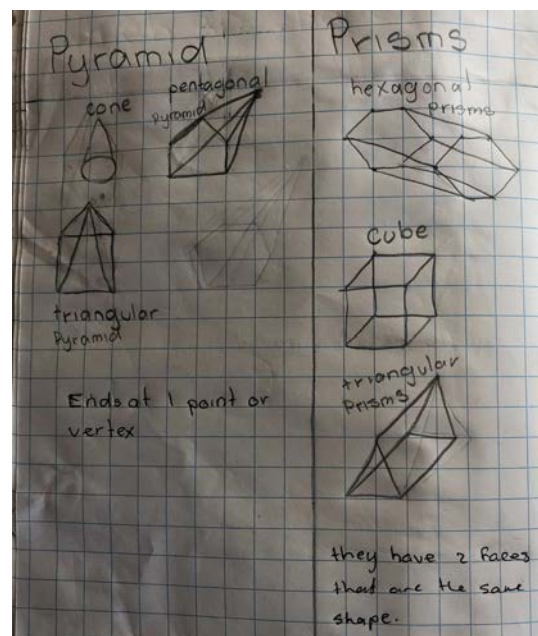
Desiree does a great job counting !!



Three Little Rhinos

Three little rhinos went to build their own houses. The first rhino built his house out of wood. The big bad cheetah scratched it down. The second rhino built his house out of mud. The big bad cheetah scratched it down. The third rhino built his house out of bricks and nails. The big bad cheetah did not scratch it down. 'Can we play hide and seek?' said cheetah. 'Yes!' said the rhinos. Then they were friends.

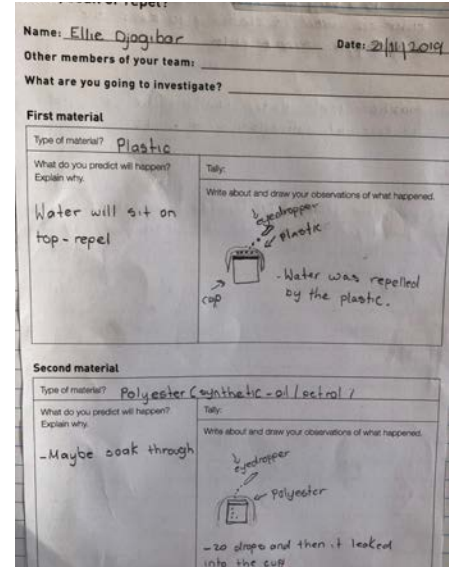
By Mitchell



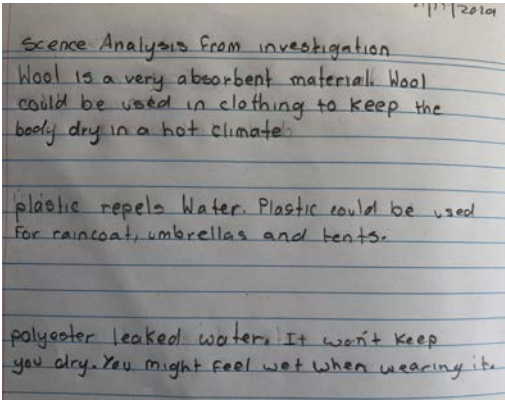
Drawing and making 3 D shapes



Science and Geography



Recording our science experiment.



China and India are the biggest producers of silk.



Students explore the colour wheel

Learning with the community



Elkana and Garreth take a music lesson. Amber has also taught students bucket drumming and how to read music.

Freddy Nadjamerrek worked with the students and discussed his artworks. He showed students how to use ochre when painting and how to use fire to change yellow ochre to red ochre. Students made a background for a painting and finished it during Freddy's next visit to the classroom.



CABAH VISIT

Last week the Nawarddeken Academy staff and community met with CABAH, (Centre of Excellence for Biodiversity and Heritage) staff to discuss how we could work together in the future. It was a positive meeting and we will support the community in this effort if it is approved. We met with Aara Wits (communication officer/archaeologist), Zenovia Jackobs ,(dating expert), Simon Aberle (geographer) and Chris Clarks, (archaeologist). Community elders took the visitors to Bim sites and then we went to Aldadubbe for lunch and a swim.



CABAH staff explained how they work at a Bim site with the community. They can find out how long the site has been used and how changes in the climate affected how Bininj lived.



OUR NEW PLAYGROUND

Work on the Early Learning and Nawarddeken Academy playground will start soon. We have decided on a plan. Plants and irrigation equipment have been bought. Before holidays we hope to have most of the landscaping completed with everyone's help. Rob and the rangers will be building the swings and cubby houses over the wet season.



HEALTH AND WELLBEING at KABULWARNAMYO



Campfire Stories:

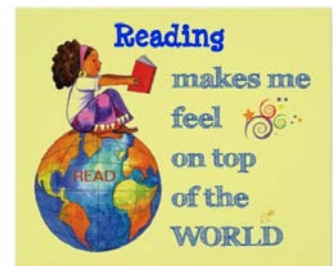
Keith told us some great stories from his young days travelling with his father near Table Hill and what life was like back then. We will have more stories this week on Thursday. It's a great way to relax and the daluk can make tea and damper.

Mindfulness:

We practice Smiling Minds mindfulness at the beginning of the school day and the students are enjoying this routine. Children can sit in a chair or lie down and relax. Then let the mind become still and notice their breathing, thoughts and emotions. This is a good skill to look after our mental health. In the classroom we link this to being respectful, positive, caring and thoughtful; which are all part of Nawarddeken Academy values. This programme is now taught in hundreds of schools around Australia. We will show parents the programme at our next ACNA meeting so you can tell us what you think about it.

COMMUNITY EVENTS AND IMPORTANT DATES

- **NA Board Meeting Monday and Tuesday**
- **Reading with Family and Morning Tea on Tuesday**
Parents and families are invited to come and read with your child.
Everyone Welcome!!
- **Melbourne Excursion Meeting** Tuesday afternoon at 4pm.



Santa is coming!! We heard Santa will visit us during our Christmas party and is giving out presents to all the children. We have been writing Santa letters and hoping he will have lots of help wrapping the children's presents.



School and Community Christmas Celebration Wednesday the 11th December 6 PM

Everyone Welcome. Food, music and Santa!

Reporting to Parents and Carers

Teachers can speak to you about your child's learning and progress on Monday 9th or Tuesday 10th of December. We will see you and make a time for the evening when it is cooler. We can talk to you at your home or the school.

RANGER NEWS

Big Thank-you to our Rangers who have been very busy fighting several bushfires in Kunbanbuk and Makkalarl in the middle of the Warddeken IPA. Culling of anabarroo took place and Jake helped out. Road works are completed before Kudjewk and this has made driving much better. Drive safely everyone and remember buckle up!

NORFORCE VISIT



NORFORCE visited the community and we asked them to focus on what students are learning at school this term. Robert, Regina, Walt, Bruce and Paddy taught the students and had a great visit.

This is what children learned:

- How NORFORCE uses special vehicles and military equipment. The children could touch the equipment and think about why it is useful, what it is made from, and what other types of materials or things could do the same job. Children looked at camouflage uniforms and a yowie suit, leather gloves, camouflage cream, marker panels (used for signalling aircraft) different types of rope, first aid supplies, tyre inflation bag pickaxes, shovels, safety equipment packs, webbing (personal equipment carriage) binoculars and laser range finders. The children climbed into the vehicles and discovered the different textures and materials used.
- Shape: Maths: NORFORCE staff talked about shapes that are part of the equipment and how a shovel is a certain shape, so it works better. How does shape help soldiers to stay hidden? What makes things easy to see, and what might soldiers do to hide better?
- Working in teams, eating healthy foods, and making good choices to stay fit.
- Mapping: NORFORCE staff talked about what maps tell us. How to use a legend or key to read a map- colours, symbols, scale, and directions.
- The soldiers told us their stories, where they are from and why they are in NORFORCE. At night the community tried the night vision goggles and how this technology works. Thank-you NORFORCE!



