

Cross Curriculum Priorities

Welcome to the June edition of news from the Cross Curriculum Coach. The WA Curriculum identifies three cross curriculum priorities:

- Sustainability
- Aboriginal and Torres Strait Islander Cultures and Histories
- Australia's Engagement with Asia

These priorities are embedded across a wide range of learning areas, from Mathematics to English, Science, The Arts and Social Sciences, as well as Health and Physical Education.

Sustainability

Eco Footprint



200 Tonne Plan

The school is making progress on achieving the current 200 Tonne Plan to reduce our carbon emissions. We have removed 7 cans from the Upside Down Thermometer for our energy savings from the solar panels and solar lanterns, waste wise and water wise actions, and tree planting.

We have a little under 60 tonnes of carbon emission reduction to reach our goal. So please keep up your good work – recycling paper, batteries, food scraps! Your actions are making a difference! Thank you.

1. Biodiversity Action:

River Rangers

Year 6 River Rangers have been working on their butterfly studies this term. On Monday 27 June a small group of River Rangers went on an excursion to the Perth Town Hall to prepare butterfly work samples for display during the school holidays. This display is part of a Wildlife Show that Coolbinia Primary was invited to join.



River Rangers setting up the display.



Roots and Shoots Club



Roots and Shoots meetings are held every Tuesday lunchtime. The Club builds on Dr. Jane Goodall's legacy and vision of placing the power and responsibility for creating community-based solutions to big environmental challenges in the hands of the young people.



Participating students have been involved in a range of activities this month, from gardening to completing the butterfly aluminium can recycler.

One of the gardening activities involved participation in the Curtin University Mildew Mania project. Students planted different varieties of barley to determine which varieties are resistant to mildew. Mildew on barley is a major problem for WA farmers.

Garden Beds

As 2016 is International Year of Pulses, many classes have been planting different pulses – peas and beans. Watch out for Sugar Snap, Greenfeast, Snow and Chick Peas, as well as Climbing and Broad Beans shoots in the children's garden beds.

Butterfly Project

The whole school, K-Year 6, have been participating in the butterfly project. All classes have butterfly kits to demonstrate the life cycle – eggs, caterpillars, chrysalis and butterflies for release.



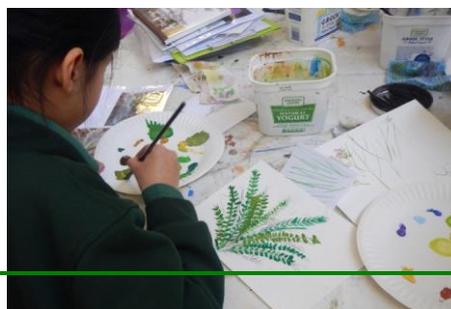
Year 6 students releasing one of their butterflies



Environmental Art

Angela Rossen, an environmental artist, worked with the following classes:

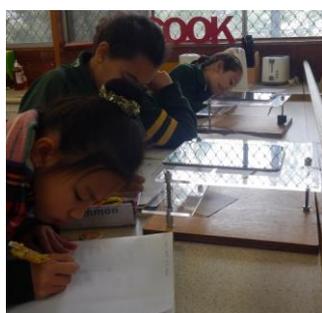
Year 3/4 (Room 3) on Tuesday 24 May,
Year 5/6 (Room 12) on Friday 27 May and
Year 6 (Room 11) on Wednesday 15 June.



The following photos demonstrate their amazing work:



Student drawings of plants and animals in our bushland.



Students using ipads on magnifying iscopestands to identify and draw parts of flowers.

Cooking

The Kwobadarn Kitchen has been busy this month, for example, Year 3/4 children (Room 3) cooked apple crumble...



Thanks to Parent Volunteers

Sincere thanks to parent helpers for weeding and providing plants for the assembly garden stalls. Without parent help we wouldn't be able to provide the amazing learning opportunities that we do!

Many thanks to all parent helpers.

2. WasteWise:

Room 7 Year 4 students are the Waste Warriors for this term. They are collecting food scraps and recycling them in the worm farms and compost bins. Great job Waste Warriors!

The special focus of our Waste Warriors this term, with the support of the year 1s in Room 1, has been the promotion of Nude Food. Please support Nude Food Tuesdays – student lunchboxes will be checked to determine the percentage of nude food lunches in each class. Information about healthy, nude food lunches can be found at:

<https://www.kitchengardenfoundation.org.au/content/pick-mix-1-6-lunchbox-poster>



The Worm Shed conducted sessions with five classes: ELC1, ELC 2 and Rooms 1, 2 and 7. Here are some photos from this informative incursion:



These sessions investigated the benefits of worm farming and care of worms. The students made their own worm farms to take home.

Please continue to support the various wastewise initiatives across the school. We recycle ...

- batteries
- used toothbrushes and oral care packaging
- mobile phones
- plastic bread bag clips
- old pairs of glasses
- ink cartridges

All these bins are at the Kwobadarn (student kitchen).

Thank you for contributing to our Wastewise initiatives.

3. WaterWise:

Year 3 students in Room 5 were the Water Warriors during Term 2. Their duties included watering the hanging baskets around the verandahs with rainwater, as well as checking the bird baths and frog habitat were topped up with rainwater too.



Adding rainwater to the frog ponds



Collecting rainwater for the hanging baskets

4. EnergySmart:

Our 73 solar panels continue to reduce our electricity costs and carbon footprint. Whole school daily actions to reduce electricity are also being implemented, contributing to our EnergySmart goals.

On 30 June, our solar power system had generated 71700kWh and saved 67641.2 kg of CO2 from being released into the atmosphere since 13 September 2012.

5. TravelSmart:

Coolbinia PS was awarded Platinum level in TravelSmart (TS) Awards last year. This year we are going for the Double Platinum Award.

Year 5 students are involved in organising TS events. The Term 2 TS team, from Room 12, prepared posters and made announcements to promote our Walk to School day. Raffle tickets, stickers and other prizes were distributed to children coming to school in a TravelSmart way.

Please continue to support TravelSmart: every Friday is a Fume Free Friday!



Social Handprint

1. Student Wellbeing:

Early Childhood Nature Play



Our early years Nature Play group is working to create enhanced nature play opportunities for our youngest children at the school. A busy bee was held on Saturday 11 June to implement the first phase of the playground development. Three raised beds were installed, one paid for from a Waste Authority grant, and two donated. The cubby house was renovated and looks sparkling with a new coat of paint. Various gardening jobs were also undertaken. Here are some photos from the event:



Many parents, children and staff supported this grand endeavour.

2. Aboriginal Cultures:



Sharyn Egan, Noongar artist, worked with children from Years 1-4, creating paintings of their class butterflies. The above photos show Sharyn working with Year 1s from ELC 1 on the Western jewel butterfly.

3. Cultural & Social Diversity:

Coolbinia Primary is inclusive, embracing cultural and social diversity. In Term 2 we will be working with our Asian sister schools, corresponding and exchanging work samples about butterflies.

4. Community Partnerships:

Our school was invited by the City of Perth to participate in the Wildlife Show for historical reasons. During the 1960s, Harry Butler, the renowned naturalist and environmental conservationist, used to take Coolbinia students on guided walks through the school bushland area. Harry also brought his menagerie of native animals to school to enhance the children's understandings about the natural environment. This inspirational work with our students contributed to the school's participation in the Wildlife Show at the Perth Town Hall in 1966. At this show Grade 6 students displayed an exhibit of a swamp scene that included local bird species. An extract from the original exhibit display stated:

The idea for this panorama type exhibit came from the memories of the local swamp which no longer exists. The swamp has been fully drained as the result of the establishment of a Water Supply Department Compensating Basin. Before drainage, coots, moorhens, herons, grebes and ducks were abundant.

Thus the City of Perth invited our current Year 6s to join in the 50th Anniversary Wildlife Show celebrations with our current butterfly display. Our recent work in this field builds on the school's 1995 Arbor Day planting of species to attract local butterflies. Over the last few years students have planted over 300 native species that are host plants for different butterflies. We thank the City of Perth for inviting us to showcase our conservation work.

Economics & Built Environment:

Boya Currency

Boyas are our local currency created to acknowledge and reward environmentally and socially supportive actions. Boyas were spent at assembly garden produce stalls, the canteen and the Year 6 fete.



Aboriginal Cultures and Histories

NAIDOC Week

NAIDOC stands for National Aborigines and Islanders Day Observance Committee. Its origins can be traced to the emergence of Aboriginal groups in the 1920's which sought to increase awareness in the wider community of the status and treatment of Indigenous Australians. NAIDOC Week is a time to celebrate Aboriginal and Torres Strait Islander history, culture and achievements and is an opportunity to recognise the contributions that Indigenous Australians make to our country and our society.

NAIDOC Week is 3-10 July 2016. Each year our school celebrates NAIDOC Week with a student stall, selling NAIDOC Week wrist bands and other items. This stall will be held on 1 July as we will be on holidays during this special week.

PALS Grant

The school's application for a 2016 PALS grant was successful. This year we will be addressing the 'Environment Award' category, focusing on the conservation of local butterfly species.

Jade Dolman, Noongar artist, worked with Kindy and PP children creating two paintings of their class butterflies.



All the butterflies the children are studying are Perth butterflies.

The PP painting

represents the 3 class butterflies:

- Wedge Grass Skipper (left wing, ELC3)
- Cabbage White (centre, ELC 4)
- Western Grass Dart (right, ELC 7)

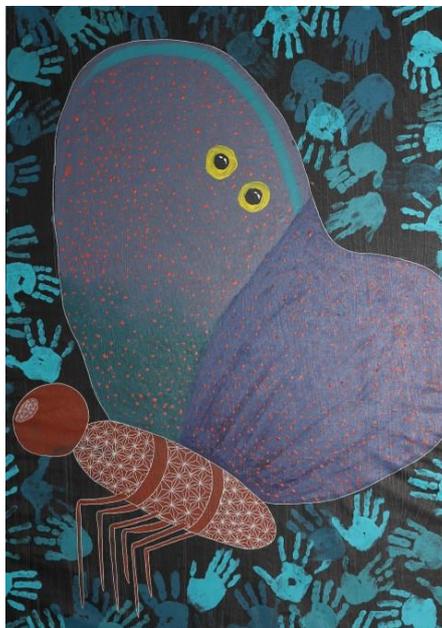


The Kindy painting represents 2 class butterflies:

- Blotched Blue (right wing, ELC 5)
- Two spotted line-blue (left, ELC 6)



The paintings were completed and stretched this month:



Australia's Engagement with Asia

Asian Butterflies

This year 'Australia's Engagement with Asia' will be embraced across the school in a range of learning areas, especially Biological Science in relation to Asian butterflies.

A stunning new Wild Ways banner, featuring butterflies, will be created in 2016 by children in Rooms 11 and 12. The Wild Ways Conservation Art Project is a joint initiative between Perth Zoo and the Department of Education (for Asian Literacy).

Year 6 students wrote to and received replies from two schools:

Jogjakarta Community School, Jogjakarta, Java, Indonesia

SDN Bubutan IV, Surabaya, Java, Indonesia

Photos and work samples of local Indonesian butterflies were sent to our students. This information informed our Wild Ways banner.



Room 11 students created the banner background with plant templates and edicol dye, to illustrate butterfly host plants.

Room 12 students made the bead and wire butterflies for the banner.

The completed banner was displayed at Artopia:



Sustainable Development Goals

The United Nation's 193 member states formally agreed to the 2030 Agenda for Sustainable Development on 25 September 2015 in New York. The new agenda will provide a roadmap for global development efforts to 2030 and beyond. The 2030 Agenda succeeds the Millennium Development Goals (MDGs) but is a more comprehensive, progressive and innovative agenda that responds to the many challenges faced by the world today and into the future. It includes 17 sustainable development goals (SDGs):

THE GLOBAL GOALS For Sustainable Development



The 2030 Agenda helps Australia in advocating for a strong focus on economic growth and development in the Indo-Pacific region, and in promoting investment priorities including gender equality, governance and strengthening tax systems.

Coolbinia Primary School supports the achievement of these goals by having active membership with the One World Centre and the United Nations Association of Australia WA Global Schools Project, as well as the actions we take to address the various sustainability issues outlined in the SDGs. Please come and chat with me for further information.

Sincerely

Dr Elaine Lewis

Cross Curriculum Coach

River Rangers Coordinator

Roots and Shoots Coordinator

[Part time role; located in the Kwobadarn on Tuesdays & Thursdays]

30 June 2016