

# FREE TEACHER PD

10am - 3pm

Thursday May 4th, 2023

@ CFA Toolangi

1683 Healsville Kinglake Road  
TOOLANGI



NEW DATE  
ANNOUNCED

This day of learning and discovery in the forest celebrates 10 years of National Eucalypt Day and 10 years of Gould League running forest learning programs providing essential outdoor field work for SCIENCE and GEOGRAPHY students.

Learning will be FUN and ENGAGING however spots are strictly limited, so don't delay BOOK TODAY!

**LUNCH PROVIDED**

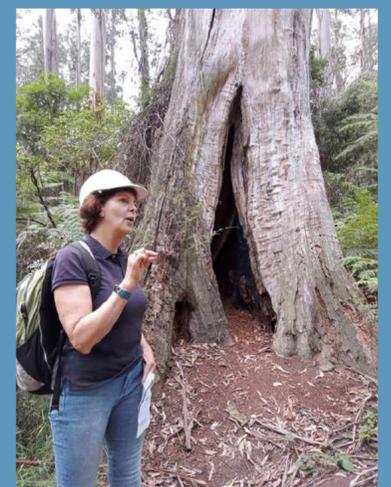
Ecosystem services delivered by biodiversity, such as crop pollination, water purification, flood protection and carbon sequestration, are vital to human well-being. Globally, these services are worth an estimated USD 125-140 trillion (US dollars) per year, i.e. more than one and a half times the size of global GDP. Despite the significance of this, we are destroying biodiversity at a rate never seen before with society now facing its sixth mass extinction, and consequences that will affect all life on Earth, both now and for millions of years to come.

So how do you as Teachers address the plight of the environment in a way that reduces student anxiety and inspires your students?

Join the Anne-Maree McInerney, a highly regarded global sustainability advisor who will lead the day, along with an array of Forest and Water specialist educators who will take you into the forest. We promise to inspire and uplift you as you discover policy and innovation that's addressing some of the most wicked issues of our time. It will challenge your way of thinking about the role of schools and show how classrooms can be hubs of innovation for the whole community.

The day will not only feature the eco systems services forest play, we will also introduce you to **The Blue Economy which incorporates the CIRCULAR ECONOMY, which is set to generate 100m new jobs in 10 years based on 100+ innovations inspired by nature with zero waste.** The Blue Economy has the capability of driving systemic change and zero waste, enabling sustainable productivity and growth for virtually every part of society, yet, is for the most part unknown in Australia. Its innovations are game changing such as...paper made without trees and water using the dust of calcium carbonate mining and building rubble; Making medical devices and defence equipment from the thread of the silk worm spun using only pressure and moisture like the golden orb spider does to make thread stronger than steel; Spinning water into a vortex to increase both agriculture and aquaculture food production and turning coffee waste into textiles to mention but a few.

A hands on workshop to end the day, will bring awareness and solutions to teachers of the many threats society faces such as failing land and marine ecosystems, species extinction, food security, mounting waste streams and climate change. It will inspire hope, show what's possible for a classroom of the future and will provide practical steps one can take to live more productive, engaged, healthier lives and contribute in a positive way to society and the environment. **It is NEW and INNOVATIVE real world learning that builds resilience, creates jobs and economic development - valuing everyone and everything.**





The program has been designed to support both primary and high school teachers understand the fundamentals of ecosystem services; addressing the challenges of biodiversity loss in a positive way, the benefits of outdoor education; the waves of innovation and how that's changing the careers and industries of the future; the global action plans of 30 by 30 and Half-Earth to keep global temperatures from rising more than 1.5 degrees; the shift to Regenerative Farming and Biophilia, the war on waste and more...

# Program

## Introduction

10.00AM

Acknowledgement of Country, introduction of Gould League and how since 1909 we've inspired generations of students, teachers, scientists, problem solvers and eco warriors to protect our natural world.

10.05AM

## Global challenges and solutions (inspired by nature) to some of our most wicked problems

This session Introduces the Blue Economy (a physics approach to sustainable development); Forests and their role in Sustainable Development; Important and gratifying changes to Earth Science Curriculum; Waves of Innovation; Biomimicry specifically Regenerative Farming, Biophilia and Living Filters; 30 by 30 and Half Earth; and the importance of Nature and Outdoor learning.

10.45AM

## Morning tea

11.00AM

## Overview of EcoSystems Service

11:15AM

## First-hand experience of Toolangi State Forest and it's EcoSystem Services

This session entails a 2.2km loop walk to the Yea River (gentle grade - easy to walk). See the world's tallest flowering plant (Mountain Ash), Messmate, Tree Ferns and other wonders of the forest. We test water turbidity, discuss local food production, and how Toolangi's forests contribute to creating, collecting, storing and filtering water, as well as an exploration of human influences on water movement and quality.

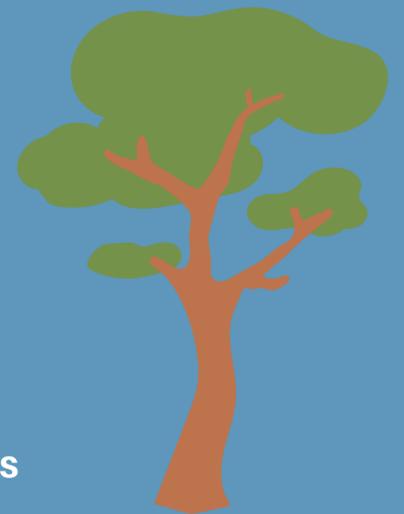
12:45

## Lunch

1.15PM

## The GOOD the BAD and the UGLY of Plastics

The amount of plastic waste in our world is one of the biggest concerns societies have today. Discover how to manage problems associated with plastic pollution and how you can empower your students to be part of the solution.



1.45PM

### The Circular Economy and Beyond - Pathways to a Sustainable Future

Teachers, parents, and students can be overwhelmed by how to manage waste in their homes and communities and create a sustainable future for the next generation. Discover how society is innovating to value waste and think of creative and unique alternatives to disposal so it continues to be treated as a resource rather than left in landfill.

This hands on workshop will apply learnings from the day, to bring awareness and solutions to the many threats society faces such as failing land and marine ecosystems, species extinction, food security, mounting waste streams and climate change. It will inspire hope, show what's possible for a classroom of the future and will provide practical steps one can take to live more productive, engaged, healthier lives and contribute in a positive way to society and the environment. It is real world learning that builds resilience, creates jobs and economic development - valuing everyone and everything.

2.45PM

### The importance of nature and outdoor learning

This short session provides an Overview of all Forest Programs and how we link them to learning outcomes of the Victorian Curriculum and the many benefits of nature and outdoor learning.

3:00PM

### End of formal program

If you have time, feel free to stay and Swim with Whales in our "SodaStream Oceans of our Future 3D Virtual Reality Experience, Check out the Discovery Tree or talk to our Educators about your school incursion or excursion needs.

Outdoor learning has positive impacts for all, especially children - it works on their intrinsic motivation for learning, provides enjoyable lessons, increases creativity, and activates thinking outside the box. It also improves children's health and wellbeing, social skills and behaviour, and furthermore has been proven to encourage better attendance, teamwork and to reduce bullying.

Join us for a day that is set to challenge the current status quo and inspire what is possible for you as Teachers and the enquiring young mind of your students so they about the world, and develop a connection with it, strengthening their sense of identity and awareness.



## GETTING TO TOOLANGI and PARKING

As this is a remote location, we highly recommend car pooling. If you drive, there is ample parking available. Please respect we are being hosted by the CFA so ensure you DO NOT PARK in a CFA response parking spaces or out the front of the station apron, so CFA are able to respond quickly and easily if they get a callout.

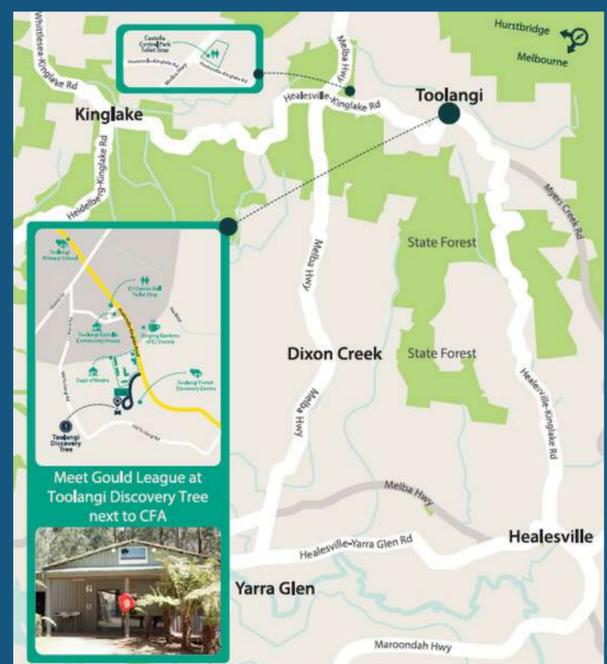
# FREE ENTRY!

**BOOKINGS ESSENTIAL DUE TO LIMITED PLACES - CLOSING 20/3 UNLESS SOLD OUT PRIOR**

<https://www.eventbrite.com.au/e/national-eucalypt-day-teacher-pd-in-the-forest-with-gould-league-tickets-540591472647>



This learning program is best suited to educators of middle-upper primary school and all secondary school teachers, as well as school co-ordinators of incursions/ excursion or leadership programs.



[CLICK HERE FOR LOCATION MAP](#)

## WE LOOK FORWARD TO YOU JOINING US THURSDAY MARCH 23RD

FOR FURTHER INFORMATION CONTACT [bookings@gould.org.au](mailto:bookings@gould.org.au) / 0431107389