



**You and your students are invited to explore the
Green Lab Challenge an online experience
to inspire your students to explore the outside world**

Green Lab, a youth led citizen science and action program, developed by kids for kids, is coming to a tree near you.

Green Lab was designed by 500 young people concerned about the need to monitor and protect trees in urban landscapes across the Perth metropolitan area. Through a network of education, community planting and monitoring programs, in partnership with traditional owners, futures thinkers, climate scientists, poets, artists, historians, community stakeholders and government, Kids plan to increase our love of trees, increase our tree canopy and the ecosystems they support. Kids have a vision to develop a corridor of Green Labs across the city, creating a cooler climate and habitat for native birds and animals.



**Green Lab, a Millennium Kids Citizen Science program,
is funded by the Western Australian Government's State Natural Resource
Management Program.**

**Green Lab Challenge is supported by Curtin University and the
the UNESCO Chair of Data Science in Higher Education Learning and Teaching, Curtin University.**



natural resource
management program



Department of Biodiversity,
Conservation and Attractions

"Children make the best theorists, since they have not yet been educated into accepting our routine social practices as "natural", and so insist on posing to those practices the most embarrassingly general and fundamental questions, regarding them with a wondering estrangement which we adults have long forgotten. Since they do not yet grasp our social practices as inevitable, they do not see why we might not do things differently."

Terry Eagleton The Significance of Theory

Green Lab - where the **natural world** is your laboratory and where Kids ask the **Big Questions**:

- Can increasing our canopy cool our city?
- Why isn't bush forever, forever?
- What does that bird eat?
- Is this plant important?
- What was here before?

This online version - the Green Lab Challenge was developed to get you connected to your Green Lab space, learn some new skills and think about putting your Green Lab project into action at your school, local bushland or in your own backyard.

The online tools provide a pathway for students to learn about their local bushland through Citizen Science and HASS activities. Students can complete each module has deliverables that need to be completed. Simply upload completed work to the Challenge site. Students are awarded Green Lab Micro Credentials when they complete activities.



At the end of the online program your students will be ready to start work on their own Green Lab project at your school or local bushland.

The Green Lab Challenge includes access to online teacher professional learning, online tutorials for your classroom from our Citizen Scientists and HASS presenters, log on instructions for students and parent permission forms.

Students who earn Green Lab Micro Credential Badges can apply for SHAPE Awards from Curtin University and build their own scholarship fund for the future through MK activities.

Millennium Kids Inc is a member of the Sustainable Schools WA alliance and the Green Lab project will provide significant opportunities for collaboration to strengthen resources for schools.

About the Modules:

Module 1:

Become **Inspired**

Expand your thinking about the world and figure out the range of issues young people are concerned about. Get your team together and have some fun exploring the exciting world of possibilities for change in the world. Once you've finished the Inspire stage, you'll be full of ideas about how to create positive change.

Module 2:

Explore in the **MK Youth Lab**

Check out working examples of youth led project stories. Hear about the success stories and real examples of change in action.

Module 3:

Level Up with Green Lab **Citizen Science** Activities

Discover with skill-based activities that allow participatory monitoring, and participatory action research.

Module 4:

Deep Dive into the **Humanities**

Opportunities in this module allow you to **EMPATHISE** and develop skills, knowledge and understanding as you Connect with Country.

Module 5:

Role Play with UN **Hypotheticals**

In this module you will participate in the **Youth Voice Process**. We call it Youth2Youth Consultation and it's a way of surfacing initial ideas for change.

Module 6:

Create and Innovate

Follow the MK **PROCESS** to create your change-making plan. Submit your plan and meeting Minutes to complete the Green Lab Challenge.

Timeline 2020

Term 2 and 3	Register your Green Lab Challenge
Term 2 and 3	On line Teacher Professional Learning
Term 3	On line Citizen Scientist Tutorials
Term 3	Mentoring and support
Term 4	Pitch your Project
Term 4	Celebration and Award Ceremony

To register your school for more information email catrina@millenniumkids.com.au

or call 0418 923 968