



# CITIZEN SCIENCE



## *Starter Kit*



### **What is Citizen Science?**

Citizen Science is scientific work undertaken by members of the public, often in collaboration with or under the direction of professional scientists.

### **School Libraries and Citizen Science**

School libraries and citizen science projects are a dynamic match. They allow curiosity and exploration beyond the STEM curriculum. Citizen Science Corners are physical spaces in your school library which host a Citizen Science project for a term.

### **Citizen Science Corners: Minimum Requirements**

- 2 laptops with connectivity
- A bench or table that can hold 2 laptops and any other advertising, books or “how to” materials you want to place on display
- A corner or space close by for signage. This could be a wall or a display board on wheels

### **Support People**

There are a range of people you can draw from in your school community to support you:

## Staff

- Science Staff
- Science specialists
- STEM teachers

## Students

- Volunteers
- University affiliated ambassadors eg. UQ Science Ambassadors, Griffith Uni STEM Ambassadors
- Clubs

## Library Team

- Teacher Librarians
- Library Technicians
- Library Assistants

## Resources

|                                        |                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australian Citizen Science Association | <a href="https://citizenscience.org.au">https://citizenscience.org.au</a>                                                                                                               |
| iNaturalist                            | <a href="https://www.inaturalist.org">https://www.inaturalist.org</a>                                                                                                                   |
| Scistarter                             | <a href="https://scistarter.org/">https://scistarter.org/</a>                                                                                                                           |
| Zooniverse                             | <a href="https://www.zooniverse.org/">https://www.zooniverse.org/</a>                                                                                                                   |
| QLD Chief Scientist                    | <a href="https://www.chiefscientist.qld.gov.au/science-in-queensland/citizen-science-projects">https://www.chiefscientist.qld.gov.au/science-in-queensland/citizen-science-projects</a> |
| Book Chapter                           | <a href="#">Nurturing Young Environmental Stewards: A Citizen Science Corner in an Australian School Library.</a>                                                                       |
| Earth Watch                            | <a href="https://earthwatch.org.au">https://earthwatch.org.au</a>                                                                                                                       |

## Key Projects

These are high impact projects we think are easy to get up and running. They are very visual, so if you don't have a lot of time to make background displays, the corner looks great regardless!

|                              |                                                                                                                                                                                                                                                                                                                            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Globe at Night</b>        | <a href="https://globeatnight.org">https://globeatnight.org</a> <ul style="list-style-type: none"><li>• This project contributes to tracking light pollution</li><li>• Display the map of your area so that students and staff can see their contributions</li></ul>                                                       |
| <b>iNaturalist</b>           | <a href="https://www.inaturalist.org">https://www.inaturalist.org</a> <ul style="list-style-type: none"><li>• Set up a school account and students can either upload or email photos for library staff to upload.</li><li>• Create a map to show where sightings are in relation to your school</li></ul>                  |
| <b>The Great Reef Census</b> | <a href="https://greatreefcensus.org">https://greatreefcensus.org</a> <ul style="list-style-type: none"><li>• This project needs a school account</li><li>• Have a laminated copy of coral types handy as this helps younger students</li></ul>                                                                            |
| <b>Aussie Bird Count</b>     | <a href="https://aussiebirdcount.org.au">https://aussiebirdcount.org.au</a> <ul style="list-style-type: none"><li>• The whole school can get involved with this. Send small groups out to watch a designated area for 20 minutes, then upload their sightings to the project page in your Citizen Science Corner</li></ul> |

For more information: Dr Helen Weston [hweston@rgs.qld.edu.au](mailto:hweston@rgs.qld.edu.au)