JUNIOR LANDCARE SJ

JUNIOR LANDCARE PROGRAM



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ABOUT US

Landcare SJ is a community based, not for profit organisation with over 20 years of experience protecting and restoring the natural environment of Serpentine-Jarrahdale and surrounding areas. Working alongside local landholders, community groups, researchers and government agencies, we have built strong partnerships and extensive practical expertise in habitat restoration, biodiversity conservation and sustainable land management.

Education and community involvement have always been central to our work. For many years, we have partnered with local schools to engage students in practical conservation projects, particularly native tree planting and habitat restoration activities. These experiences give young people the opportunity to make a tangible contribution to their local environment.

Building on these relationships, we launched Junior Landcare SJ, a program dedicated to connecting young people with nature, developing practical environmental skills and empowering them to take action for the environment.

We are now excited to extend our work with schools by offering a range of engaging, curriculum-linked environmental education programs. Delivered by experienced environmental educators, our incursions combine scientific knowledge, hands-on learning and real examples from local conservation projects.





WHAT'S ON OFFER FOR SCHOOLS

Schools can engage with Junior Landcare throughout the year through curriculum-linked programs and collaborative environmental projects.

Opportunities include:

- Curriculum-aligned incursions and workshops
- School habitat creation projects
- Planting and revegetation activities
- Citizen science and monitoring projects
- Sustainability and biodiversity initiatives within school grounds

Through these partnerships, students are encouraged to connect classroom learning with real environmental action in their local community.

See below for more information on available incursions, or contact us to see how we can help you realize an environmental initiative!



FROM SEED TO SPROUT

Ages 3 to 6
| Max. 25 students

45min to 1 hour

$5 per student, plus GST & $0.95 per km travelled from Mundijong
| Min. charge of $100

Young learners discover how tiny seeds become plants through storytelling, hands-on exploration and simple science. This engaging program introduces the basic needs of plants while encouraging the use of hands and observation skills.

PART 1 Storytime: Discovering the Seed Life Cycle

Students are introduced to the life cycle of a seed through an interactive storybook reading and visual seed cycle display. Together, we explore what seeds need to survive and grow.

Includes:

- Age appropriate storybook
- Seed life cycle display
- Introduction to the basic needs of plants

PART 2 Hands-on Seed Activity

Option 1: Seed Paper
Students create their own biodegradable seed paper by blending newspaper and water into a pulp, mix in seasonal seeds, and press the mixture into molds to create their very own seed paper.

Option 2: Seed Balls
Students create seed balls using a mixture of compost, clay and seasonal seeds. Wearing gardening gloves, they mix, roll and shape the seed balls, ready to be scattered.

Includes:

- Recycled newspaper to create paper pulp
- Seasonal seeds
- Cookie cutter shapes
- Compost and clay seed bomb mixture
- Seasonal seeds
- Gardening gloves



PART 3

Watch Seeds Sprout

Students sow seeds into clear containers lined with damp paper towel, allowing them to observe the germination process up close. Students keep the paper towel moist and watch as their seeds develop.

Includes:

- Seed containers, paper towel, seeds

CURRICULUM LINKS

This program supports learning outcomes from the Western Australian science curriculum by providing opportunities for students to explore living things through observation, hands-on investigation and discussion.

Students investigate what seeds need to germinate and grow, including water, light and suitable growing conditions. They observe seed germination and identify the stages of early plant growth.

Students are encouraged to observe and describe changes as seeds germinate, make predictions about what seeds need to grow, care for their germinating seeds by keeping the paper towel moist, and share and discuss their observations using simple scientific language.

LEARN ABOUT BLACK COCKATOOS

Kindy to Year 12
| Max. 30 students

45 to 90min (flexible to suit your school's schedule)

FREE
For schools outside the Shire of Serpentine-Jarrahdale, travel costs apply at $0.95 per kilometre travelled from Mundijong.

In this program, students discover the black cockatoo species found in our region and learn how to identify and tell them apart.

They explore where these birds live, what they need to survive and the threats they face.

Students also discover how everyone can play a part in protecting these iconic birds and supporting black cockatoo conservation.

PART 1 Learn About Black Cockatoos

Students will learn how to identify the three black cockatoo species found in our region, Forest Red-tailed, Baudin's and Carnaby's Black Cockatoos, by recognising their distinctive calls, physical features and feeding signs on marri nuts.
They will also explore how everyone can play a part in protecting these unique species and support their conservation.

Includes:

- Interactive presentation
- Marri nuts showing feeding signs



PART 2

Black Cockatoo Survival Challenge

To explore the threats facing our black cockatoos, students will participate in one of the following age appropriate activities:

- Kindy to Year 2: An interactive storybook reading exploring the challenges black cockatoos face.
- Years 3 to 12: The Black Cockatoo Survival Challenge, an interactive game in which students try to grow a cockatoo family while navigating various threats to their survival.
- Years 7 to 12 (alternative activity): Explore the development of the Cockatube, an artificial nesting hollow, by retracing the design process, investigating different prototypes and solving the challenges encountered along the way.

Includes:

- Storybook reading for Kindy students
- Black Cockatoo Survival Challenge Game

CURRICULUM LINKS

This program supports learning outcomes from the Western Australian science curriculum, particularly in biological sciences and science inquiry.

Through activities, students explore the diversity of living things, identify distinguishing features of different black cockatoo species and investigate their habitats, survival needs and adaptations. They develop an understanding of how living things interact with their environment and how environmental changes and human activities can affect their survival.

The program also encourages scientific inquiry through observation, classification, problem solving and discussion. Students apply their knowledge to explore conservation challenges, consider practical solutions and understand how everyone can contribute to protecting our native wildlife.

NEST BOX BUILDING

Years 3 to 8
| Max. 25 students

120min

$600 plus GST & $0.95 per km travelled from Mundijong
| Includes 5 nest boxes (2x pardalote, 2x microbat and 1x possum or owl box)

Students will learn about the importance of tree hollows for native wildlife and contribute to practical environmental outcomes by constructing their own nest boxes.

Schools can choose up to five suitable nest box flatpacks, made from durable marine ply, designed to support species such as microbats, possums, ducks, owls and pardalotes.

Completed boxes remain with the school, providing opportunities to create habitat and support ongoing wildlife monitoring.

Please note, nest box installation is not included.

PART 1 Learn About Hollows

Students will learn about the importance of tree hollows as wildlife habitat and learn how the loss of hollows affects native species.
After, they will head outdoors to identify and assess potential hollow-bearing trees on school grounds.

Includes:

- Interactive presentation
- Worksheets and resources for tree-measuring activity

PART 2 Nest Box Building

Students will work in teams to construct five timber nest boxes from flatpacks. They will use wood biscuits and wood glue before predrilling holes and securing the boxes with screws using power drills.
Once assembled, students will paint the finished nest boxes, ready for installation as wildlife habitat.

Includes:

- 5 high-quality nest box flatpacks
- Wood biscuits, glue, rags, hammers, screws, power drills, chains for box installation
- Outdoor paint, brushes, drop sheets

CURRICULUM LINKS

The nest box building workshop aligns with the science strand of the Western Australian curriculum, with students exploring living things, habitats, ecosystem relationships and the impacts of environmental change and human activity.

Through constructing nest boxes, students also develop practical design and technology skills, including working with materials, safely using tools and equipment, following production processes, problem solving and teamwork.

The workshop also supports the sustainability cross-curriculum priority by encouraging students to consider the impact of human activities and invasive species on wildlife habitat, and participate in practical solutions that support local biodiversity.









ACTIVITY STATIONS

Kindy - Year 6 | Max. 150 students

120min

$600 plus GST & $0.95 per km travelled from Mundijong

Our activity station incursion begins with an interactive presentation that introduces the key concepts students will explore throughout the session. Students are then divided into six groups and rotate through a series of hands-on activities.

Teachers receive clear station instructions in advance, while Landcare staff are available throughout the session to provide guidance and support.

The incursion is designed for mixed age groups from Kindergarten to Year 6. The format is highly interactive and collaborative, with teachers supervising groups and helping facilitate the activity stations.







CURRICULUM LINKS

The Junior Landcare activity station incursion supports the Western Australian science curriculum, with a strong focus on biological sciences and science inquiry.

Through hands-on activities, students explore plants, animals, soils and local ecosystems, investigate features and adaptations that help living things survive, and consider relationships between organisms and their environment. Students also develop science inquiry skills by observing, comparing, classifying, making predictions, testing ideas, examining evidence and discussing their findings.

The program also supports the sustainability cross-curriculum priority by encouraging students to consider the impact of human activities on wildlife habitat.

ACTIVITY STATION DETAILS*

STATION	DESCRIPTION	RESOURCES INCLUDED
Station 1: Seeds & Wildlife	Students listen to black cockatoo calls and match each call to the correct bird. They then examine bite marks on marri nuts (seed pods from marri trees) and use the evidence to identify which of the birds may have made them.	• Activity description • Black Cockatoo sound board • Marri nut feeding signs poster • Marri nuts showing feeding signs
Station 2: How Seeds Spread	Students examine different seeds and discuss the physical features that help seeds travel. Based on this, they sort the seeds into different categories, according to whether they are carried by wind, caught in animal fur or eaten by animals. They then discuss the physical features that help seeds travel and design their own seed.	• Activity description • Collection of seeds in small containers • Category headlines • Blank 'design your own seed' posters • Pencils
Station 3: PC Dieback	PC Dieback is caused by a soil borne plant pathogen that can spread through infected soil and water, weakening or even killing many of our native plant species. To see how it affects a plant's ability to take up water, students will conduct an experiment.	• Activity description • Experiment instructions • Experiment resources
Station 4: Guess Who?	One student secretly chooses a native animal card. The other students identify the animal using clues about its appearance, behaviour or habitat, its movements and sounds.	• Activity description • 12 cards with animal descriptions • 12 cards with animal photos
Station 5: Plant Features	Students examine real plant material, describe features such as colour, shape and texture, then match feature cards with plants and investigate how those adaptations help plants survive WA conditions.	• Activity description • Native plant material (leaves, bark) • Feature and adaptation cards
Station 6: Soil & pH	Students learn about pH and test three soil samples to determine whether they are acidic, neutral or alkaline.	• Activity description • 3 soil samples • pH testing kits

*Activities and content are subject to change. Final incursion details will be confirmed at the time of booking. If you would like the session tailored to suit specific learning needs, please get in touch.

INTERESTED?

Get in touch to book a program or make an enquiry:

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