

Weekly Careers News

For Victoria

Monday 19 August, 2024

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What's On

Upcoming Events

Monash | Clayton Campus Tour

August 19, 2024

Join us for a campus tour to see and experience all Monash has on offer! Led by our enthusiastic student ambassadors, come along to ask them questions and get a taste of life at Monash. With a tour duration of approximately 90 minutes, you will tour the outside of our buildings and explore our world-class campuses.

[Find out more](#)

RMIT on Tour: Ballarat Information Evening

August 19, 2024

Thinking about studying at RMIT? Join us in person at our Ballarat information evening!

Hear from our staff about RMIT campuses and courses, study tips and how to prepare for university, and chat with current students and alumni about their RMIT experience and career journeys.

In this session, we'll cover topics such as:

- Courses & Industry experience
- Prerequisites & Pathways
- Moving to Melbourne Tips & Tricks
- Guest Panel of Alumni & Current Students
- and more!

[Find out more](#)

\$20 Boss Funded Professional Development Workshops

Glenroy: August 19, 2024

Mentone: August 21, 2024

Young Change Agents is delivering a series of fully-funded full day Professional Development training workshop across the country giving you the skills to run \$20 Boss with confidence.

- We will start the day with an immersive experience of the program, we'll then dive into the materials and how to best use them for your school and circumstances.
- Together, we'll ideate solutions to the following question: 'How might we create the best possible \$20 Boss experience for your school?'
- Finally, we'll be sharing case studies from other schools and sharing insights and learnings from one another.

After this workshop, you will be given exclusive access to our eLearning platform. Through the platform, you'll be able to access modules and materials to build your knowledge and understanding of entrepreneurial education and all the resources (including slides and worksheets) you need to run \$20 Boss.

[Register for Glenmore](#)

[Register for Mentone](#)

Chisholm | Sports Academy 2025 – Online Information Session

August 20, 2024

Learn more about what it's like to be a student-athlete at the Chisholm Academy and train under the expert eye of Chisholm Sports Academy's coaches.

If you're an aspiring athlete passionate about sport and studying Year 11 or 12 in 2024, or you're currently completing your senior secondary program and looking to complete a Fitness industry qualification or Diploma of Sport (course code SIS50321), our Academy might just be for you!

During this session, you will discover more about:

- the Chisholm Sports Academy and what its like to be a student athlete
- how you reach your sporting potential and achieve your educational goals
- success stories from past students
- facilities and student support available
- eligibility criteria
- key dates and how to enrol

[Find out more](#)

VTAC | Refugee and asylum seeker applicants

August 21, 2024

Applying for tertiary study as a refugee or asylum seeker? We will help you through the process of applying through VTAC, covering details about the application, special consideration visas and more.

You'll have the opportunity to ask questions throughout, so join us to find out everything you need to know about getting to uni, TAFE, or college next year!

[Find out more](#)

Monash | Information Evening Online

August 21, 2024

We know that choosing a university is a big decision, especially if you don't live in Melbourne. Our online Monash Information Evening is the perfect opportunity to have your questions answered on everything you want to know about undergraduate study at Monash.

You'll hear about:

- our 10 diverse study and discipline areas
- undergraduate course types, such as our comprehensive and specialist courses, double degrees and pathway programs
- international opportunities including study abroad and overseas tours
- how to apply – everything need to know about VTAC, key dates and deadlines
- scholarships and fees
- Special Entry Access Scheme (SEAS) and the Monash Guarantee
- accommodation options, both on and off campus.

After the main information seminar (45mins), you'll have the opportunity to join a breakout room and chat with staff from your area of interest.

[Find out more](#)

La Trobe | Open Days 2024

Shepparton: August 24, 2024

Bendigo: August 25, 2024

Why attend Open Day at La Trobe?

- Chat with current students, alumni and teachers to get first-hand advice about your dream course, or just about the best places to eat on campus.
- Explore the campus by yourself or join a guided tour. See our world-class health facilities, leading IT and science labs, business trading room, accommodation and much more.
- Discover your options for placements, internships and work-based learning, and get all your questions answered about your dream course.
- Get a taste of what it's really like to be at uni. Join events and activities or kick back and enjoy the campus – Open Day is the place to see it all.

[Find out more](#)

ACAP | Open Day 2024, Melbourne

August 24, 2024

Open Day is your chance to experience the ACAP difference, and find your path in the applied professions. Whether you're interested in Counselling, Psychology, Social Work, Criminology, Law, or Business, ACAP is your pathway to making a difference.

Be part of a workshop, meet our industry-renowned facilitators, and hear all about life as an ACAP student. Join us for a day of exploration and inspiration!

[Find out more](#)

SAE Institute | Open Day 2024, Melbourne

August 24, 2024

Come along to SAE's Open Day and find your future in creative media!

Open Day is your ticket to everything SAE – get a taste of our courses in workshops, explore activations on campus and get some hands-on experience with our state of the art facilities.

[Find out more](#)

Fed Uni | Open Days 2024

Mt Helen, Camp St & SMB: August 25, 2024

Open Day is your opportunity to explore all that Federation University and Federation TAFE has to offer you in your education journey, from extracurriculars to industry placements and everything in between.

Experience our stunning campuses and awesome facilities, join a campus tour and get the full student experience from our current students and staff.

[Find out more](#)

ACU | Open Day 2024, Ballarat

August 25, 2024

Open Day is your chance to find out everything you need to know about studying at ACU before you enrol. You'll be able to check out the campus, meet staff and students, discuss entry pathways, and talk to experts about your study options and career goals.

[Find out more](#)

VU | Open Day 2024, City

August 25, 2024

We can't wait to see you at one (or more) of our three exciting Open Day events!

Whether it's meeting our students and staff, finding the perfect course for you, or exploring one of our campuses, bring your whole self to VU – starting at our Open Day.

[Find out more](#)

Deakin | Open Day 2024, Melbourne

August 25, 2024

We're opening our campuses in August and can't wait to see you there. Get course information, chat with your future teachers and current students, and enjoy fun entertainment.

[Find out more](#)

CQU | Future Focus: Navigating Your Next Career Move

August 26, 2024

Join us for the CQU Future Focus: Navigating Your Next Career Move webinar.

Whether you are just starting out or looking to make a change, this session will provide practical tips, resources and industry insights to help you navigate your next steps and make informed career decisions. Join us for our live webinar - an introduction to career planning, delivered by an accredited career practitioner!

[Find out more](#)

\$20 Boss Digital Tools + Market Day Q&A Term 3

August 27, 2024

This event is perfect for teachers who are new to \$20 Boss, and for teachers who are experienced at running \$20 Boss and want to use more of the tools and resources available to them.

This is a hands on session led by experienced YCA facilitators where you will learn how to:

- Navigate our Entrepreneurial Learning Hub to access the \$20 Boss resources.
- Setup classes and teams in the Buddy App.
- Use the \$20 Boss budgeting tool where students can create and submit their budgets for review, and you can manage team funding.

- Help students create public pitch pages where they can share their idea with the world.
- Run a successful market day, with tips and tricks from \$20 Boss teach champions.

[Find out more](#)

AIM | Open Day 2024, Melbourne

August 31, 2024

Join us for Open Day, and experience everything AIM has to offer!

See our campus, get course advice, experience live performances, meet our teachers and students, and take part in activities that will give you a taste of student life here at AIM.

Whether you're ready to study now, or in five years' time, Open Day is open to all and a fantastic opportunity to discover how the Australian Institute of Music can help turn your passion for music into a career.

[Find out more](#)

Collarts | Open Day 2024

August 31, 2024

At Collarts, our Open Day is all about making this process simple and hands-on. Information sessions, workshops and the chance to chat with students, teachers and leaders are an important part of learning more about what sets us apart from the rest.

We invite you to come and experience life at Collarts: from our passion for creativity, close community, state-of-the-art facilities, expert faculty, and more.

[Find out more](#)

Important Future Events

Astrophotography Workshop

September 14, 2024

The astrophotography workshop introduces concepts that will assist both the beginner amateur and professional photographer to take stunning photographs of the night sky. Night sky photography is very different to that done in daylight. The afternoon has an array of talks given by experienced and award-winning astrophotographers, with (weather permitting) practical hands-on sessions during the evening at our registered Observatory.

Topics include an introduction to smartphone photography, timelapses, capturing the Aurora Australis, nightscape imaging, deep sky photography and much more.

[Find out more](#)

NIE | Future Doctors Australia, Melbourne

September 27 to September 30, 2024

Gaining medical work experience is essential for young people considering a career in medicine. It provides insight into the field, helps develop skills and attributes, and provides networking

opportunities. However, obtaining medical work experience can be challenging due to various restrictions such as limited opportunities, safety concerns, and confidentiality issues.

That's why NIE has developed the "Future Doctors Australia" program. It is an engaging and high-impact 4-day program that provides young people with a unique opportunity to gain medical work experience in a safe and structured environment. Participants will have the opportunity to spend time with current junior and senior medical students. They will also have the rare opportunity to spend time with more senior clinicians and various medical specialists. You will get to learn about clinical specialist's relevant fields of work, ask them questions, and learn some hands-on skills from them.

- Over 15 hours of face-to-face interaction with leading specialists and clinicians
- Meet current medical students
- Develop advanced communication and team working skills
- Create new friendships with like-minded, highly driven young individuals
- Learn about the admission process into various medical universities in Australia
- Morning tea and lunch included

[Find out more](#)

It Takes a Spark STEM Conference, Melbourne

October 24, 2024

Most conferences currently being offered on STEM, STEAM and Entrepreneurship tend to be targeted towards teachers and involve a series of speakers and the occasional mini-workshops. This conference is designed to be different. This conference is designed by students and teachers for students and teachers.

The intent of the It Takes a Spark STEM Conference is to bring together Students (Year 4 to 10) and Teachers to connect with inspiring industry role models, share their current school based activities and projects using an authentic sharing and experiential model, create networks of teachers and student teams, and solve social justice design challenges.

The participation of the students is as important as teachers as our intent is to ignite, empower and nurture both to be leaders of STEM and Entrepreneurship within their schools. This is a conference designed and led by students and teachers for students and teachers.

Teachers will have both formal and informal opportunities to speak to other teachers who have enacted programs and activities in their schools and get their questions answered.

The workshops and social justice design challenges are all hands-on so students and teachers will experience first-hand what it is like to be part of great STEM and entrepreneurial learning. This will spark new ideas about curriculum and pedagogy.

[Find out more](#)

Free Money

Scholarships

Ramen Danbo Business Scholarship

Value: \$5,000 AUD

Open date: August 10, 2024

Closing date: March 7, 2025

The Ramen Danbo Business Scholarship is now available to high achieving Japanese students at Griffith University. The program is open for the 2025 academic session.

The scholarship seeks to recognise and assist Japanese students who demonstrate talent and commitment to becoming globally responsible business leaders. By providing financial support and recognition, the scholarship aims to encourage students to pursue their academic and professional aspirations in the field of business.

[Find out more](#)

Teach NSW Teacher Education Scholarships

Value: \$7,500 AUD per year

Open date: August 8, 2024

Closing date: September 13, 2024

If your future plans include completing an initial teacher education degree or you are currently studying to become a secondary mathematics, science, technological and applied studies (TAS) or English teacher or an inclusive/special education teacher teacher (K – 12), you could be eligible for the Teacher Education Scholarship.

[Find out more](#)

Competitions

Art Against Ageism Competition

Value: Up to \$1,500 AUD

Closing date: September 8, 2024

Show us the beauty, diverse capabilities & mindset of senior people through your artwork and challenge the negative stereotypes of ageing.

To enter our competition, use your artistic skills to portray positive ageing and show the beauty, diverse capabilities & mindset of our senior community.

To encourage wide ranging participation from all ages and talents, we welcome entries in any chosen artistic medium, with the exception of an AI-generated image.

We are excited to see your creativity!

[Find out more](#)

Margaret Reid Poetry Contest

Value: \$3,500 USD

Open date: April 15, 2024

Closing date: October 1, 2024

Submit poems on any theme, up to 250 lines each. We will award the Margaret Reid prize of \$3,500 USD for a poem that rhymes or has a traditional style.

For the purpose of the Margaret Reid Prize, a poem in a traditional style employs regular meter and/or rhyme, or is written in a recognized poetic form. This includes traditional Western forms such as ballads, sonnets, and blank verse, Asian forms such as tanka and haiku, and other traditional forms.

[Find out more](#)

Tom Howard Poetry Contest

Value: \$3,500 USD

Open date: April 15, 2024

Closing date: October 1, 2024

Submit poems on any theme, up to 250 lines each. We will award the Tom Howard Prize of \$3,500 USD for a poem in any style or genre.

[Find out more](#)

Stile Art of Science Competition

Value: Apple AirPods

Open date: August 8, 2024

Closing date: October 1, 2024

To enter:

1. Download this image of Earl the Victorian Grassland Earless Dragon here: <https://bit.ly/4det0xs>
2. Unleash your creativity give colour to Earl!
3. Submit your masterpiece to artofscience@stileeducation.com before October 1st, 11:59 pm

Fun fact: Earl – a critically endangered lizard presumed to be extinct – was recently found in grasslands in western Victoria after more than 50 years.

Join the fun, showcase your creativity, and the winning student will receive a pair of Apple AirPods!

[Find out more](#)

Experiences

Work Experience

Australian Army Band Melbourne: Simpson Barracks (2024)

Closing date: November 4, 2024

Ongoing opportunity

The Australian Army Band Melbourne placement will be held on Tuesday evenings at the AAB Melbourne Band Room at Simpson Barracks from 7pm to 10pm. To ensure maximum benefit from the opportunity, the student will need to commit to a minimum of **four** Tuesday evenings.

Students may participate in the following activities:

- Rehearsals with full concert band and/or jazz orchestra
- Sectional and group rehearsals within specific instrument family (e.g. Woodwind/Brass/Rhythm)
- Participate in performance (strictly upon negotiation with the Music Director) and dependent upon timing and location.

[Find out more](#)

National Gallery of Victoria Work Experience Program 2025

Open date: August 8, 2024

Closing date: October 1, 2024

The National Gallery of Victoria offers work experience placements for secondary school students. Placements are based with the NGV Learn Team and where possible with other Departments. Work experience in any one facet of the NGV cannot be guaranteed. Unfortunately, numbers are limited, and we cannot guarantee a placement for all applicants. For this reason, we strongly recommend students having other work experience placement options.

The NGV offers work experience during the following week in 2025:

Monday 23 – Friday 27 June 2025

Please ensure that you approach your school prior to submitting your application as we are unable to accommodate placements outside the above week. It is important to note placements occur during school term time.

Applications for 2025 Work Experience placements are now open and will close 5pm, 1 September 2024.

All applicants will be notified by mid-November.

[Find out more](#)

Study

National Science Week

[Tiny plastics, big problems: understanding microplastics](#)

Have you ever heard of microplastics? These tiny bits of plastic are everywhere, and they might be causing some big problems. Let's break down what microplastics are, why they're a big deal for us and our planet, and what we're doing about them.

What are microplastics?

Microplastics are tiny pieces of plastic that are less than 5 millimetres in size. That's like the size of a grain of rice or even smaller, so yep – pretty tiny. That doesn't mean they're not a big deal though. These little plastics come from bigger pieces of plastic that break down over time. They can also come from tiny plastic particles that are added to products like face scrubs and cleaning supplies. As you can imagine, with plastics this small, they can get into unwanted places, and cause some pretty bad problems.

Why should you care about microplastics?

Microplastics might seem small, but they can have a huge impact. They end up in our oceans, rivers, and even in our food – and we don't know anyone who's happy about eating plastic (hint: it's really bad for you).

When fish and other sea creatures eat them, the plastics can move up the food chain and end up on our plates. This cycle can affect the health of animals and people alike, just from our overuse of plastic in our daily life. Plus, microplastics can also harm ecosystems and disrupt the balance of nature, which isn't great for our planet – or for us, since we have to live on it.

The journey of microplastics

Microplastics begin their journey from many different places, and can travel far and wide. Here are a few of the ways microplastics end up in our oceans:

1. Everyday products

Microplastics are often found in products we use daily. For example, some face scrubs and toothpaste have tiny plastic beads to help clean your skin or teeth. When you wash these products down the sink, the tiny plastics can end up in rivers and oceans.

2. Synthetic clothes

Clothes made from materials like polyester or nylon can shed tiny fibres when you wash them. These little fibres can slip through the washing machine and end up in the water – once in the ocean, they might be eaten by fish and other sea creatures, which we then end up eating.

3. Big plastics

Big plastic items, like bottles and bags, don't just disappear when you chuck them away. They break into smaller pieces over time because of sunlight, wind, and water, and then get distributed into our natural environments.

4. Industrial processes

When factories make plastic products, they sometimes create small plastic beads called pellets. If these pellets get spilled or lost (which can happen quite easily), they can end up in the environment and become microplastics.

5. Urban runoff

Rainwater that flows off streets and parking lots can pick up all sorts of trash lying around, including microplastics. This water then goes into storm drains and eventually into rivers and oceans, carrying the tiny plastics with it.

6. Agricultural runoff

Farms sometimes use fertilisers and soil products that contain tiny plastic particles. When it rains, these particles can wash off the fields and into nearby waterways, adding to the problem of microplastics in our environment.

How are scientists dealing with microplastics?

Scientists are working hard to tackle the microplastic problem. They're developing [new technologies](#) to filter plastics from water, creating [biodegradable alternatives](#) to traditional plastics, and [studying](#) exactly how microplastics affect the environment and health. Every little bit helps, and researchers are making progress to address this issue – another reason scientists in this field are becoming so important for the future of our world.

The future of microplastics

In the future, we could see big changes to help manage and reduce microplastics. New regulations might limit the use of microplastics in products, and improved waste management practices could help keep plastics out of our oceans. If you choose to study something like [Environmental Science](#) or [Marine Science](#) at uni, you could be one of the awesome people contributing to research and awareness of microplastics, and this is how we make a difference and protect our beautiful planet.

How can you help?

Caring about the environment and wanting to make a difference is very cool. Here are three practical things you can do right now as a high school student to help tackle the problem of microplastics:

1. Reduce plastic use

One of the easiest ways to help is by cutting down on plastic use, so try to use reusable items instead of single-use plastics. For example, use a reusable water bottle instead of always buying plastic bottled water, or bring your own reusable bags when shopping. Small changes in your daily routine can add up and help reduce the amount of plastic that ends up in the environment.

2. Spread awareness

You can make a big impact by spreading the word about microplastics. Share what you've learned with friends and family, and use those awesome social media skills to raise awareness. Creating posters, starting a school club, or organising community awareness events can also help get more people involved in fighting plastic pollution. The more people know about the problem, the more they can do to help.

3. Participate in clean-up activities

Join or organise local clean-up events in your community. Whether it's a beach clean-up, a park litter pick-up, or even a classroom recycling drive, these activities help remove plastic waste before it breaks down into microplastics. [Volunteering](#) for these events is a great way to make a direct impact and keep your environment clean.

Want more?

If you're interested in more cool topics about how we can protect our environment and make a difference, check out our other articles, like this one on [green gap year ideas](#).

Want to pursue a career helping our planet? Check out our job spotlight on [how to become a wildlife biologist](#).

Study Tips

[7 environmental conservation documentaries that are actually good](#)

Looking for a way to study without feeling like you're really studying? Or maybe you're thinking about a career in environmental conservation and looking for some inspo. Whatever the case, there's no better way to fuel your interest than by diving into some eye-opening documentaries that are actually really interesting. Not only do these films highlight the beauty of our planet, but they also shed light on the critical issues affecting it today, and what we can do about it.

We've rounded up 7 of the best documentaries on environmental conservation that are not only educational, but also truly inspiring.

1. Our Planet

This one's a classic, and if you haven't seen it yet, now is definitely the time. Narrated by the legendary Sir David Attenborough, [Our Planet](#) is a visually beautiful documentary series that can make you appreciate the wonders of our natural world a little more.

From the deepest oceans to the most remote forests, this series highlights the incredible diversity of life on Earth, but also addresses the pressing issues of climate change and habitat destruction. It's a must-watch for anyone interested in conservation and environmental science, and might just inspire you to get involved in saving our planet.

2. Before the Flood

[Before the Flood](#), produced and narrated by Leonardo DiCaprio (who better to get us inspired?), takes you on a global journey to understand the impact of climate change – something that we should be worrying about now more than ever. The documentary explores the causes, consequences, and possible solutions to this critical issue, making it an essential watch for anyone interested in environmental activism and policy.

3. Chasing Coral

Did you know that coral reefs are one of the most important ecosystems on the planet? The thing is, no-one seems to know this, and they're disappearing at an alarming rate thanks to the actions of us humans.

[Chasing Coral](#) follows a team of divers, photographers, and scientists as they document the devastating effects of climate change on coral reefs. It's a great documentary because it not only raises awareness about the fragility of these ecosystems, but also inspires viewers to take action to protect them.

4. The Biggest Little Farm

If you're curious about sustainable farming and how humans can live in harmony with nature, [The Biggest Little Farm](#) is the documentary for you. It tells the story of a couple who leave city life behind to start a sustainable farm, overcoming countless challenges along the way. The film is really heartwarming, and shows the importance of biodiversity and how we can implement changes in our lives to support it.

5. A Plastic Ocean

Plastic pollution is one of the worst environmental issues of our time, and [A Plastic Ocean](#) dives deep into its impact on marine life and human health. The documentary follows journalist Craig Leeson and a team of scientists as they explore the devastating effects of plastic waste in our oceans. It's a super powerful call to action for reducing plastic consumption and finding sustainable alternatives.

6. The True Cost

Fashion might not be the first thing that comes to mind when you think about environmental conservation, but [The True Cost](#) will definitely change that. This documentary exposes the environmental and social impacts of the fast fashion industry, from pollution to exploitation. It's an eye-opener that'll encourage you to stop and think critically about your consumption habits, or even consider more sustainable choices when it comes to fashion.

7. Mission Blue

[Mission Blue](#) follows the life and work of oceanographer Dr. Sylvia Earle, who's a passionate advocate for marine conservation. The documentary explores the state of our world's oceans and the urgent need to protect them. Through Dr. Earle's journey, you'll be inspired to appreciate the beauty of the oceans and the critical role they play in sustaining life on Earth. It's an inspiring and thought-provoking film that will leave you eager to learn more about marine conservation.

Want More?

These documentaries are just the beginning of your journey into environmental conservation. If you're interested in learning more about how to make a positive impact on the planet, check out our other blogs on [how to become a wildlife biologist](#), [nature's benefits](#), and [understanding microplastics](#).

Whether you're planning to study STEM or just looking to make a difference, there's no better time to start than now.

We also have heaps more career, study, and wellbeing tips on our website [here](#).

Work

Job Spotlight

How to become a Wildlife Biologist

Ever wondered how you could turn your love for animals and the environment into a meaningful career? Becoming a wildlife biologist might be your path to working with nature every day.

A wildlife biologist's job is to study animals and their habitats, understand their behaviours, and work on conservation efforts. They play a super important role in protecting endangered species, preserving ecosystems, and helping us understand the complex relationships in nature.

If you're passionate about the environment, have strong analytical skills, and enjoy working outdoors, this could be an exciting career that's right up your alley.

What skills do I need as a wildlife biologist?

- Observational skills
- Critical thinking
- Problem-solving
- Attention to detail
- Teamwork & collaboration
- Data analysis
- Fieldwork proficiency
- Communication skills

What does the job involve?

- Conducting research on animal behaviour, genetics, and populations
- Studying ecosystems to understand how different species interact
- Collecting and analysing biological data
- Monitoring and tracking animal movements
- Writing reports and research papers on findings
- Developing conservation plans to protect endangered species
- Working with government agencies, non-profits, and conservation organizations
- Educating the public about wildlife conservation

What industries do wildlife biologists typically work in?

- [Professional, Scientific and Technical Services](#)
- [Public Administration and Safety](#)
- [Education and Training](#)

What Career Cluster do wildlife biologists belong to?

The role of a wildlife biologist is driven by a desire to protect and preserve, making it an attractive career for [Guardians](#). [Innovators](#) also often thrive in this field due to the research and problem-solving aspects of the job.

What kind of lifestyle can I expect?

As a wildlife biologist, you can expect a varied lifestyle with both fieldwork and office-based research. The job often involves working outdoors in various weather conditions, which can be physically demanding but rewarding for those who love nature. Travel is common, especially for fieldwork in remote locations or when attending conferences and workshops.

While full-time positions are the norm, some wildlife biologists can work on a contract basis or in part-time roles, particularly when conducting specific research projects. The job can involve irregular hours, especially during fieldwork seasons, but this flexibility can be appealing for those who prefer a non-traditional work environment.

How to become a wildlife biologist

To become a wildlife biologist, you'll need to follow a clear educational and training pathway. First, you'll need to complete high school with a focus on science subjects like Biology, Chemistry, and Mathematics. After high school, you should pursue a Bachelor's degree in a related field of [Wildlife Science](#) and [Biology](#).

Some relevant degrees include:

- [Bachelor of Wildlife Science](#)
- [Bachelor of Environmental Science \(Wildlife and Conservation Biology\)](#)
- [Bachelor of Biological Science](#)

To advance further in this career, you could also consider pursuing a [Master's degree](#) or [PhD in Wildlife Biology, Ecology](#), or a [related field](#). These advanced degrees can open up opportunities in research, teaching, or specialised roles within the field.

What can I do right now to work towards this career?

If you're currently in high school and considering a career as a wildlife biologist, here are some steps to help see if it's a good fit:

- **Gain practical experience** by volunteering with local conservation groups, zoos, or wildlife rehabilitation centres. This hands-on experience will give an insight into the field and help you determine if you like the kind of work it involves.
- **Focus on excelling in Biology, Chemistry, and Mathematics**, and consider taking [courses](#) in Ecology or Environmental Science if available. This strong foundation in science will be really important for your future studies.
- **Research various wildlife biology programs** to understand the requirements and the workload. This preparation can be really helpful you for making a decision about whether this career is something you'd actually like to pursue.

Where can I find out more?

Find out more here:

- [Environmental Science Education](#)
- [US Forest Service](#)
- [The Wildlife Society](#)
- [Australian Wildlife Society](#)
- [Society for Conservation Biology](#)
- [Eco Canada](#)

Similar careers to wildlife biologist

- [Conservationist](#)
- [Agronomist](#)
- [Climate Scientist](#)
- [Marine Biologist](#)
- [Park Ranger](#)
- [Zookeeper](#)
- [Outdoor Educator](#)

Find out more about [alternative careers](#).

Jobs & Careers

[10 cool jobs in animal rescue](#)

Do you have a passion for helping animals in need? If you dream of a career where you can make a real difference in the lives of animals, here are 10 cool jobs in animal rescue that might just be perfect for you.

1. Animal shelter manager

When animals get rescued, they need to go somewhere safe and be looked after by people who truly care about their wellbeing.

As an animal shelter manager, you would oversee the daily operations of a shelter, ensuring that animals receive proper care, staff are well-trained, and the facility runs smoothly. You'd also be responsible for managing budgets, fundraising, and coordinating adoptions – basically making sure your shelter is doing its best for the good of the animals it houses.

2. Veterinarian

Veterinarians play a really important role in animal rescue by providing medical care to injured, sick, or neglected animals. If you love STEM subjects at school and want to help animals in your line of work, becoming a [Veterinarian](#) could be the most fulfilling job for you.

Whether you're treating injured wildlife or performing health checks on a stray, you'd be essential to the well-being of rescued animals as a Vet.

3. Wildlife rehabilitator

Ever wondered what happens next after wild animals are brought into shelters? They need specialised care and careful handling, and that's where wildlife rehabilitators come in.

Wildlife rehabilitators care for injured or orphaned wild animals with the goal of releasing them back into their natural habitats. This job requires knowledge of various species and their specific needs, so you'd also need to be keen on wildlife biology if you want to make this your job.

4. Animal control officer

Animal control officers are the people on the ground – sort of like policemen who are primarily concerned with the safety and wellbeing of animals. Their job normally consists of responding to reports of animal cruelty, neglect, and dealing with dangerous animals.

They rescue animals in distress, enforce animal-related laws, and sometimes help with adoptions and animal education programs.

5. Rescue transport coordinator

This one's more than just thinking about getting from point A to point B. Rescue transport coordinators are literally the backbone of animal rescue, because they organise the safe transport of animals from unsafe environments to shelters, foster homes, or new adoptive families.

People in this role mainly coordinate with volunteers, drivers, and shelters to ensure animals are moved safely and efficiently. To become a rescue transport coordinator, you'll need excellent organisational skills and a passion for logistics and animal welfare.

6. Animal behaviourist

Animal behaviourists are really important when it comes to making sure animals can find and stay in their forever homes. They work with animals to understand and correct behavioural issues, which can make them more adoptable and set them up for a happy life.

Whether you're working with a scared dog or a shy cat, your expertise as an animal behaviourist could help rescued animals find loving homes.

7. Humane educator

Humane educators teach people about animal welfare, responsible pet ownership, and the importance of treating animals with kindness and respect. You might work in schools, community centres, or even in a shelter, spreading awareness and fostering compassion for animals.

8. Animal rescue photographer

Ever thought a photo could change a life? For animals in need, the right photo could help connect them with a new and loving family.

Animal rescue photographers capture images of animals in shelters or foster homes, helping to showcase their personalities and increase their chances of being adopted. If you decided to go for this role, wouldn't it be amazing to know that your photos could make a big impact on an animal's future?

9. Animal enrichment specialist

Animal enrichment specialists focus on enhancing the lives of animals in shelters, sanctuaries, zoos or rescues by providing activities and environments that stimulate their physical and mental well-being.

Playing with animals all day? Yes please!

In this role, you'd help design and implement enrichment programs to keep animals engaged, reduce stress, and promote natural behaviours.

10. Animal sanctuary caretaker

Animal sanctuary caretakers provide daily care for animals that have been rescued – whether that's from the wild, or from abusive situations – and are now living in a sanctuary.

As an animal sanctuary caretaker, you'd spend your days feeding, cleaning, and monitoring the animals, ensuring they live happy and healthy lives in their new home.

Interested in more animal-related careers?

Explore our blog [here](#) for more career inspiration, or try this article on [7 unconventional jobs for animal lovers](#). Whether you're passionate about wildlife, domestic pets, or farm animals, there are plenty of ways to turn your love for animals into a rewarding career.

[The future of STEM careers: guide for parents](#)

As a parent, it's natural to want the best for your child, especially when it comes to their future career. With the world rapidly changing, ensuring your teen is well-prepared for the workforce of tomorrow can definitely feel daunting at times. If your teen has shown an interest in STEM (Science, Technology, Engineering, and Mathematics) – good news! You're already on the right track to supporting a future filled with exciting opportunities.

The growth of STEM careers is not just a trend; it's a movement that is reshaping our global economy. Here's why supporting your teen's interest in STEM could be one of the best decisions for their future.

Why STEM is the future

STEM fields are at the forefront of innovation. From developing life-saving medical technologies to exploring new frontiers in space, the possibilities in STEM are literally endless. According to recent reports, STEM occupations are expected to grow by [14.2%](#) in coming years, which is twice as fast as non-STEM jobs (7.4%). This demand means that those with STEM qualifications are not only highly sought after, but often have their pick of rewarding, high-paying jobs.

Why parents should get excited about STEM

Supporting your teen in pursuing a STEM career means more than just ensuring they'll have job security; it's about empowering them to be part of the solutions to some of the world's biggest challenges.

Whether they're passionate about combating climate change, improving healthcare, or designing the next generation of technology, a STEM education provides the foundation they'll need to make a real difference.

“People think science is white men in labs looking in test tubes, but the conversation allows us to show all the different opportunities that are available. “

Shaun Bellomarino, Seaview High School, in response to downloading Study Work Grow’s [National Science Week posters](#).

STEM is not a limited industry – in fact, diversity and inclusivity in STEM is essential for bringing together different perspectives, ideas, and approaches for more innovative solutions that benefit everyone.

Encouraging STEM exploration

It’s important for parents to encourage their child’s interest in STEM from a young age. This doesn’t mean pushing them into a specific career path, but rather nurturing their curiosity and providing them with opportunities to explore different fields. Encouraging participation in school [science fairs](#), [coding camps](#), or even [at-home experiments](#) can all contribute to a deep-seated passion for STEM.

If your teen is nearing the end of high school, now is the time to look at what specific STEM fields excite them the most. Careers in data science, biotechnology, environmental engineering, and robotics are just a few areas that are seeing exponential growth. Having open discussions about their interests and aspirations can help guide them in making informed decisions about their studies and career path.

The importance of STEM prerequisites

If your child is considering a STEM career, it’s essential to understand the importance of [subject selection](#) in high school. Prerequisites for university STEM courses often include advanced mathematics, physics, chemistry, and biology. However, it’s really important that your child also *enjoys* these subjects, as passion and interest are key to long-term success.

While it may be tempting to choose subjects based solely on what will get them into university, it’s important to balance this with what your child loves to learn. They’ll be more motivated and engaged if they’re studying something they’re passionate about, which can lead to better outcomes in the long run.

Examples of successful STEM careers

To help you better understand the diverse opportunities available in STEM, here are some examples of successful and in-demand careers:

Data Scientist

Data scientists analyse complex data sets to uncover patterns, trends, and insights that help businesses make informed decisions. With data driving many industries today, this role is highly sought after and very important.

Biotechnologist

Working at the intersection of biology and technology, biotechnologists develop products and technologies that can improve healthcare, agriculture, and environmental sustainability. Their work has lots of demand in areas like genetic engineering and pharmaceutical development.

Environmental Engineer

These engineers focus on designing systems and solutions that help protect the environment. From developing clean energy sources to managing waste, environmental engineers play a key role in combating climate change.

Robotics Engineer

Robotics engineers design and build robots that can perform tasks ranging from manufacturing to surgery. As automation becomes increasingly prevalent, the demand for skilled robotics engineers is on the rise.

Cybersecurity Specialist

With cyber threats becoming more sophisticated, cybersecurity specialists are essential in protecting sensitive information and preventing data breaches. This career is needed within countless industries, and by businesses, governments, and individuals alike.

Space Scientist

Working for organisations like NASA or private space companies, space scientists study celestial phenomena and develop technologies for space exploration. This career is not only exciting but also contributes to humanity's understanding of the universe.

The future job market for STEM graduates

One of the biggest concerns parents have is whether their child will be able to find a job after university. The good news is that STEM graduates are in high demand. In fact, many companies are struggling to fill roles in areas such as cybersecurity, artificial intelligence, and renewable energy. This trend is only expected to continue as technology evolves and industries become increasingly reliant on STEM professionals.

Moreover, STEM careers are often some of the highest paying. Investing in a STEM education is not just about securing a job, but securing a fulfilling, well-compensated career.

Supporting your teen's STEM journey

As your child's biggest champion, your support is so important when it comes helping them navigate their journey. Here are some ways you can help:

- **Research together:** Explore the various STEM fields and what each one entails. Watch documentaries, visit science museums, or attend university open days to see what excites your child the most.
- **Encourage practical experiences:** Internships, [work experience](#), and volunteering in related fields can provide invaluable insights and help your child build a network within the industry.
- **Stay informed:** Keep up with the latest trends in STEM to better understand the opportunities available. Our [website](#) offers resources and information on all careers including STEM careers, university courses, and more.
- **Be patient:** The path to a STEM career can be challenging, but it's also incredibly rewarding. Encourage your child to stay focused, work hard, and pursue what they're passionate about.

Want more?

The future of work is undoubtedly STEM-driven, and by supporting your child's interest in this field, you're setting them up for a successful and fulfilling career. The opportunities in STEM are vast, and the skills they acquire will be valuable no matter where their journey takes them. So, whether they dream of being a scientist, engineer, or tech innovator, rest assured that the future is bright for STEM graduates. Encourage your child to explore, stay curious, and dream big — because in STEM, the possibilities are truly endless.

For more information on how to guide your child through their STEM journey, be sure to check out our resources [here](#).

Grow

People with Disability

[STEM careers and resources for students with disabilities](#)

Are you passionate about STEM (Science, Technology, Engineering, and Mathematics) but wondering how to navigate a career path with a disability? You're in the right place. With the right support and resources, you can achieve your dreams in the STEM field. Here's a guide to help you explore exciting career options and discover the support available to make your aspirations a reality.

Electrical Design Engineer

What's the job?

Imagine designing cutting-edge electrical systems that power our world. As an Electrical Design Engineer, you'll develop and improve electrical systems across various industries. You'll use digital tools to create innovative solutions and often work in engineering firms or manufacturing settings.

How can it accommodate?

This role often involves working with digital tools and software, which can be done remotely or in an accessible office environment. Adaptive technology can support tasks such as design work and system analysis, allowing flexibility in work locations and schedules.

What do I need?

To pursue this career, you'll typically need a bachelor's degree in [Electrical Engineering \(Honours\)](#) or a related field. Familiarity with design software like [AutoCAD](#) and strong analytical skills are also essential skills.

Signal Engineer

What's the job?

In this role, you'll be involved in managing and fixing traffic signals, planning budgets, and conducting feasibility studies. If you have a knack for problem-solving and enjoy working with technology, this could be a perfect fit. You'll need a background in electrical or computer engineering and programming skills.

How can it accommodate?

Signal Engineers handle a range of tasks from planning to administration, which can often be performed from a desk or office setting. Assistive technology like screen readers or speech-to-text software can aid in managing signal systems and communication.

What do I need?

A bachelor's degree in [Electrical Engineering \(Honours\)](#), [Computer Engineering \(Honours\)](#), or [Physics](#) is usually required. Programming skills, particularly in languages like [C++](#), are also really valuable.

Railway Signal Engineer

What's the job?

If railways fascinate you, consider becoming a Railway Signal Engineer. This role involves maintaining and developing railway signalling systems. You'll need qualifications in electrical, electronic, or computer systems, and some positions offer office-based work or opportunities in workshops.

How can it accommodate?

While some roles might involve fieldwork, many tasks such as system programming and monitoring can be done from an office or control room. Employers can provide ergonomic workstations and adaptive equipment to support your needs.

What do I need?

You'll need a degree in [Electrical Engineering \(Honours\)](#), [Electronic Engineering \(Honours\)](#), or [Computer Science](#). Additional qualifications in [Software Engineering](#) or [Information Technology](#) can also be beneficial.

Estimator

What's the job?

As an Estimator, you'll determine costs for electrical projects ranging from industrial to commercial scales. In the electrical field, an Estimator typically works in an office environment, where they prepare cost estimates for electrical projects. They analyse blueprints, specifications, and other documentation to assess the cost of materials, labour, and equipment required for a project.

How can it accommodate?

Estimators often work from a computer, preparing cost estimates and analysing project requirements. Work can be performed remotely or in an accessible office environment, and adaptive technologies can assist with calculations and data management.

What do I need?

It's common for Estimators to start their careers as electricians or in a related technical trade. Completing an apprenticeship leading to a [Certificate III in Electrotechnology Electrician](#) (or a similar qualification) is a typical pathway. Practical experience in the electrical field, often gained through working as an electrician, can also help with understanding the complexities of project costs. Some Estimators may pursue further education, such as a diploma or advanced diploma in [Building and Construction \(Estimating\)](#) to enhance their expertise and career prospects.

Project Manager (Electrical)

What's the job?

Oversee large electrical projects, manage budgets, and lead teams as a Project Manager. You'll ensure projects are completed smoothly and on time.

How can it accommodate?

Project Managers oversee large projects and often have the flexibility to work from an office or home. Assistive technologies can help with project management software, scheduling, and communication tasks, making it easier to handle responsibilities.

What do I need?

You'll need a degree in [Electrical Engineering \(Honours\)](#) and experience in the field. Other pathways include getting a bachelor's degree in [Business Management](#) or [Economics](#), then going on to pursue a [Master of Business Administration](#).

Electronic Bench Technician

What's the job?

In this role you'll test, program, and service electronic devices in various settings, from workshops to remote support. With flexibility in where you work, you can find a role that suits your access needs.

How can it accommodate?

This role involves testing and repairing electronic items, which can often be performed in a workshop with adjustable workstations. Equipment can be modified to suit physical needs, and tasks can be adapted to fit individual abilities.

What do I need?

Typically, you'll need a [Certificate III in Electronics and Communications](#). Hands-on experience in [troubleshooting](#) and [servicing electronic equipment](#) is also great if you want to get into this kind of career.

Electric Motor Winder

What's the job?

Work on repairing and maintaining electric motors and related equipment. This is a very hands-on job, perfect for [Makers](#), and mainly offers opportunities in workshop settings.

How can it accommodate?

Working in a workshop setting, this role involves assembling and repairing electric motors. Workstations can be designed for accessibility, and tasks can be adjusted to accommodate limitations if needed.

What do I need?

A [Certificate III in Electrical Machine Repair](#) or a higher qualification is required if you want to go for this job.

PLC (Programmable Logic Controller) Programmer**What's the job?**

As a PLC programmer, you'll be writing programs for industrial devices and automation systems. PLC programmers work with PLCs, which are specialised computers used to automate industrial processes such as assembly lines, robotic devices, and manufacturing operations

How can it accommodate?

PLC Programmers write code for automation systems, typically working from a computer. This role can be performed remotely or in an accessible environment, with software and tools able to be tailored to individual needs.

What do I need?

A [Certificate IV in Industrial Automation and Control](#) is a good starting point. You'll also need to learn specific PLC programming languages like [Ladder Logic](#) and [Structured Text](#).

Building Automation Controller**What's the job?**

If you do work as a Building Automation Controller, you'll be responsible for managing Building Automation Systems (BAS) which are designed to control a building's climate and lighting. In this job you could be monitoring the system's performance, programming them, checking for faults and reporting them, and carrying out routine maintenance and updates.

How can it accommodate?

This role involves managing building systems like climate control and lighting, so you'll often work from a control room, office, or even sometimes from home. Adaptive technologies can assist with system monitoring and troubleshooting, ensuring tasks are manageable.

What do I need?

A bachelor's degree in in [Electrical Engineering \(Honours\)](#), [Information Technology](#), or a related field is essential. Familiarity with [BAS programming](#) and routine maintenance procedures is also required.

Find the right resources

Whether you're ready to dive into a STEM career or still exploring your options, there are numerous resources available to help you succeed. Here are some useful starting points for students, parents, and career advisors:

- Queensland Education – Senior Pathways Planning: [Explore career pathways](#)
- NSW Education – Disability Learning and Support: [Find support and resources](#)
- ACT Education – Support for Students with Disabilities: [Access helpful information](#)
- Victoria Education – Additional Needs and Leaving School: [Get guidance on school transitions](#)
- South Australia Education – Disability Support: [Explore support services](#)
- Western Australia Disability Support: [Learn about available assistance](#)
- Northern Territory Special Education: [Find out about special education services](#)
- Tasmania Support for Students with Disabilities: [Access support information](#)
- Australian Disability Employment Services: [Explore employment resources](#)
- National Disability Services – Transition to Employment: [Find tools for transitioning to work](#)
- My Milestones – Transitioning from Study to Work: [Get tips for the transition](#)
- Australian Network on Disability: [Access support services](#)
- Challenge Community Services – Life After School: [Read about planning for life after school](#)

Stay inspired

If you're thinking about university or other educational opportunities, consider these additional resources:

- [University disability services](#)
- [Scholarships for students with disabilities](#)
- [Understanding special consideration](#)
- [Finding work experience for students with a disability](#)
- [YDAS Young Leaders program](#)

STEM unlocked

Remember, the best source of information is to speak to organisations directly. If you're thinking about a career, apprenticeship or tertiary studies, reach out and ask about what's possible and what opportunities might be open to you. By exploring these options and using available resources, you can find a career path that matches you and supports you.

Want more? Check out our website for more articles and resources [here](#).

First Nations

[The original conservationists: First Nations wisdom in practice](#)

Have you ever wondered how people cared for the environment before modern technology? For thousands of years, First Nations people in Australia have been using traditional practices to conserve and protect the land, water, and wildlife. These practices, passed down through generations, are not only really cool, but also super important for our future in sustainability.

By learning about these traditional methods, we can improve how we take care of our environment and make a real difference, thanks to the shared knowledge of our First Nations people. Here are just a few of the ways First Nations people have been protecting the environment from the very beginning.

Cultural burning

Cultural burning is an ancient practice where controlled fires are set to manage the land. First Nations people have been using this technique for over 60,000 years, way before farmers were trying out what we've come to call [backburning](#). The idea is to burn small areas of land in a controlled way, which helps to clear out thick undergrowth, reduce the risk of bigger wildfires, and create new habitats for plants and animals.

Lots of Australian plants and animals need fire to survive. For example, the [Banksia](#) plant's seeds need fire to sprout, and [Grasstree's](#) need heat from a fire to encourage germination and flower. By using cultural burning, First Nations people help these plants grow and maintain a healthy ecosystem.

Did you know? The recent bushfires in Australia have led to a renewed interest in cultural burning. Scientists and fire managers are learning from these ancient practices to help prevent future fires and protect wildlife.

Sustainable fishing

The [Brewarrina fish traps](#) are an amazing example of sustainable fishing. These traps are a network of stone weirs built by the Ngemba people over 40,000 years ago. They are located on the Barwon River in New South Wales. The traps were designed to catch fish while letting smaller, young fish escape. This way, fish populations stayed healthy and continued to grow.

These fish traps show us how traditional knowledge can help manage resources without depleting them. By using these ancient techniques, the Ngemba people were able to enjoy a steady food supply and ensure that fish stocks were preserved for future generations.

Water channels

The Koori people of Victoria developed a sophisticated system of channels and weirs to manage the flow of water in the Murray-Darling Basin. These traditional water management techniques helped to direct water to crops, wetlands, and other vital areas. By controlling water flow, the Koori people were able to enhance agricultural productivity and maintain the health of wetlands, which are crucial for bird species and aquatic plants.

All over Australia, our First Nations people have a deep connection with water, and this stems from a cultural tradition of sustainable and respectful use.

Totems

In many First Nations cultures, animals and plants are considered [totems](#), which are spiritual symbols representing a community's connection to nature. Each community has specific totems that they are responsible for protecting. This deep respect for totemic species helps ensure that these animals and plants are not harmed and can continue to thrive.

For example, some communities in Northern Australia consider the shark a totemic species. By protecting sharks and their habitats, these communities help maintain the balance of the marine ecosystem.

Plant cultivation

The Murrin Bridge community in New South Wales used fire and soil management techniques to cultivate yams, a staple food. They employed a method called [fire-stick farming](#) to clear land and prepare soil for planting, where the ashes from the fire enriched the soil with nutrients, promoting healthy yam growth.

By rotating fields and allowing land to rest, our First Nations people ensured that agriculture remained sustainable and that soil fertility was maintained.

Tree cropping

The Dharawal people of South Australia practiced tree cropping, which involved selectively managing and harvesting specific tree species for food, tools, and medicine. They used techniques like [coppicing](#), where trees are cut back to ground level to promote new growth, and sustainable harvesting to ensure that tree populations remained healthy and productive.

Bush tucker is a very important part of Aboriginal culture, and through methods like tree cropping and harvesting, they were able to (and continue to) consume sustainably by living off the land.

Find out more

We have lots of other resources and blogs about First Nations success on our website [here](#), as well as blogs about university courses, life, and more.

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