# On the Job: Careers Market

**Category: Government & Defence**

**Diagram

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**Teachers**

**Introduction**

Welcome to this website about “work” for Australian students in school years (Years 5 - 12).

The Design concept is based on the local Shopping Mall as students of this age are familiar with the Careers represented here. This initial concept broadened to include careers that they might have encountered outside the Shopping Mall eg. Local Government Inspector or Farmer.

Each job can be used as an individual activity for students or as a whole group.

This Teacher’s Guide is for the whole class and is aligned to the Australian Curriculum and the General Capabilities.

**The Jobs**

Each of the jobs listed has three sections

|  |  |  |
| --- | --- | --- |
| Job Info   1. The Information about each Job. | 1. Activities | Links   1. Links |



All content in the Job Info sections have been taken from Australian sites:

* The Job Guide (old website);
* Jobs & Skills WA;
* JobOutlook (Australian Government) – discontinued 2022 and replaced with Your Career;
* CareersOnline;
* CareerHQ;
* Good Universities Guide;
* Open Universities;
* My Big Tomorrow;
* Careerfaqs;
* On the Wards
* Rural Careers

And, to a lesser extent - Overseas sites

* CareerAddict (Irish)
* JobHero
* Study
* State University
* Careers in Music;
* Upskilled.

Under copyright laws and from the Job Guide’s website – this information can be used for Educational purposes. Each information page acknowledges where the information has been obtained at the end of the page.   
  
Images that have been obtained from the Internet are acknowledged. Some images are copyright free and some have been obtained from royalty free sites and are acknowledged.

This “Job Info” content also encourages reading and therefore literacy but breaks down information into chunks and divided by “Did You Know?” segments that hopefully students will find interesting.



The Activities can be divided into two sections:

1. Offline
2. Online

Each activity or task is targeted to these age groups

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* Primary School is for students from Years 5 – 6
* Middle School is for students from Years 7 – 8
* High School is for students from Years 9 - 12

Teachers can always look at the activities and allocate differently to students depending on their ability or interest.

The activities bring a fun element into learning. Sometimes there are practical skills about the particular job eg. “How to build a beehive” [in the Beekeepers section]. This is regarded as an Offline activity.   
  
The Online activities include research or critical thinking skill activities using Internet resources. There are also free mobile apps, YouTube Videos, games. These activities provide students with Problem-Based Learning and the opportunity to use their Higher Order Thinking and Collaboration Skills.

There is also a focus on Mathematical and ICT activities.

The Links provide students with access to Association websites for that particular Industry as well as links to examples of people within this job and their experiences.   
  
****“Life on the Job”is a section where a person on a particular job is explored. There is information about this person, links, videos and activities.

Life on the Job is divided into three sections:

|  |  |  |
| --- | --- | --- |
| Famous or Historic People   1. Historic or Famous People – mostly Australians | Indigenous Famous or Historic People   1. Indigenous Historic or Famous People | Life on the Job   1. “Real Life People” |

**Historic or Famous People**Historic or Famous People are mostly famous Australians whose lives are usually investigated within the Australian Curriculum. Each person is researched and their lives summarised to give students an overview. There are links provided so students can investigate more fully themselves. At the end of the content information, students are given an activity to complete – mostly using the latest and free ICT tools available to increase their knowledge and capability.

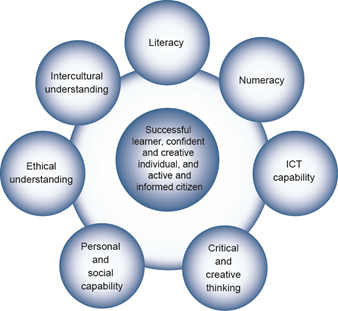
**Indigenous Historic or Famous People**

Indigenous Historic or Famous People are famous Australians whose lives are usually investigated within the Australian Curriculum. Each person is researched and their lives summarised to give students an overview. There are links provided so students can investigate more fully themselves. At the end of the content information, students are given an activity to complete – mostly using the latest and free ICT tools available to increase their knowledge and capability.

**Real People’s Stories – or Ordinary Australian Stories.**Ordinary [or even extraordinary] Australian stories are provided here. Parents can submit their job and show students their educational journey to achieve employment within their job category. Again, there are links and activities to complete.

**Alignment with the Australian Curriculum**

**Curriculum Area**: Australian Curriculum: General Capabilities



The Australian Curriculum includes seven general capabilities:

* Literacy
* Numeracy
* Information and communication technology (ICT) capability
* Critical and creative thinking
* Personal and social capability
* Ethical understanding
* Intercultural understanding.

**(Source:** [**Australian Curriculum**](http://www.australiancurriculum.edu.au/GeneralCapabilities/Overview/General-capabilities-in-the-Australian-Curriculum)**)**

Literacy_icon.bmp**Literacy** involves students in listening to, reading, viewing, speaking, writing and creating oral, print, visual and digital texts, and using and modifying language for different purposes in a range of contexts.

Numeracy_icon.bmp**Numeracy** involves students in recognising and understanding the role of mathematics in the world and having the dispositions and capacities to use mathematical knowledge and skills purposefully.

ICT_capability_icon.bmp**Information and communication technologies** are fast and automated, interactive and multimodal, and they support the rapid communication and representation of knowledge to many audiences and its adaptation in different contexts. They transform the ways that students think and learn and give them greater control over how, where and when they learn.

Critical_creative_thinking_icon.bmp**Critical and creative thinking** are integral to activities that require students to think broadly and deeply using skills, behaviours and dispositions such as reason, logic, resourcefulness, imagination and innovation in all learning areas at school and in their lives beyond school.

Personal_social_capability_icon.bmpStudents develop **personal and social capability** as they learn to understand themselves and others, and manage their relationships, lives, work and learning more effectively. The capability involves students in a range of practices including recognising and regulating emotions, developing empathy for others and understanding relationships, establishing and building positive relationships, making responsible decisions, working effectively inteams, handling challenging situations constructively and developing leadership skills.

Ethical_understanding_icon.bmp**Ethical understanding** involves students in building a strong personal and socially oriented ethical outlook that helps them to manage context, conflict and uncertainty, and to develop an awareness of the influence that their values and behaviour have on others.

As cultural, social, environmental and technological changes transform the world, the demands placed on learners and education systems are changing. Technologies bring local and distant communities into classrooms, exposing students to knowledge and global concerns as never before. Complex issues require responses that take account of ethical considerations such as human rights and responsibilities, animal rights, environmental issues and global justice.

Building ethical understanding throughout all stages of schooling will assist students to engage with the more complex issues that they are likely to encounter in the future, and to navigate a world of competing values, rights, interests and norms.

Intercultural_understanding_icon.bmp**Intercultural understanding**: The capability involves students in learning about and engaging with diverse cultures in ways that recognise commonalities and differences, create connections with others and cultivate mutual respect. **(Source:** [**Australian Curriculum**](http://www.australiancurriculum.edu.au/GeneralCapabilities/Overview/General-capabilities-in-the-Australian-Curriculum)**)**

**Priorities:**

** Asia and Australia's engagement with Asia**

** Aboriginal and Torres Strait Islander histories and cultures**

** Sustainability**

**An additional Icons:**

**Philosophy in Schools.**

****This icon represents both Critical and Creative Thinking and Ethical Understanding but at a deeper level. The activities with this icon show a high level of complex thinking is required. The activity can be used with classes undertaking Philosophy in Schools or those schools or classes who wish to encourage higher order thinking.

**Cooperative Learning Activity**A collaborative (or cooperative) learning approach involves students working together on activities or learning tasks in a group small enough for everyone to participate on a collective task that has been clearly assigned. Students in the group may work on separate tasks contributing to a common overall outcome, or work together on a shared task.

**Emerging Job**

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The jobs listed above are emerging jobs identified by the National Skills Commission.

Emerging occupations are defined as new, frequently advertised jobs which are substantially different to occupations already defined in the Australian and New Zealand Standard Classification of Occupations (ANZSCO) – such as data scientist and data analyst. As such, to compile our list we considered data from the time period following the last ANZSCO review in 2013.

The NSC has identified and validated 25 emerging occupations within seven categories in the Australian labour market (Figure 1). This list is not considered exhaustive, and the NSC will continue to monitor and analyse emerging trends.

An advantage of our approach is access to real time internet job advertisement data using Burning Glass Technologies, which will allow us to pick up occupations in emerging fields like blockchain, nanotechnology, quantum computing and the internet of things as soon as the employer demand for these skills increases.  
<https://www.nationalskillscommission.gov.au/what-are-emerging-occupations>

**Life On the Job – Australian Curriculum General Capabilities Alignment with Activities**

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All of the activities in “Life On the Job” have also been aligned with the Australian Curriculum’s General Capabilities. They are meant to be fun and engaging for the student and introduce them to the world of work in a more concrete way. “On the Job” builds on what students have learnt in their earlier years in Primary School about the world of work and helps students go from the concrete to the abstract in their thinking.

Each activity shows the General Capability [GC] being focussed on by showing the GC icon and any Priorities.

**Future Growth**Each job is given a Future Growth icon: either Decline; Static; Moderate; Strong or Very Strong growth. These icons were created by On the Job.



The information has been obtained from the Australian Government website: Labour Market Insights. <https://labourmarketinsights.gov.au/>

|  |  |  |  |
| --- | --- | --- | --- |
| **Government & Defence** | | | |
| **Job** | A picture containing food  Description automatically generated | **Activity** | **Target Group** |
| **AIR FORCE OFFICER**  A drawing of a cartoon character  Description automatically generated  Air Combat Officer Air Force – General Entrant Air Force Technician/Tradesperson | **Personal and social capabilityLiteracy**  **Critical**ICT Capability | 1. What do the elements on the RAAF badge mean? 2. Take Flight (from Try Engineering) 3. Playing with Parachutes (from Try Engineering) 4. Websites, Games & Apps: NASA Aeroresearch K-12 Resources; Introduction to Flight | **Primary**  **Primary** |
| **ANIMAL CONTROL OFFICER**  **A picture containing text, clipart  Description automatically generated** | **Critical**  **Personal and social capability** | 1. A Day in the Life on an Animal Control Officer 2. Lady and The Tramp: Then and Now 3. Alongside roads & rubbish, animal management is a key function of local government | **Primary**  Primary Middle  Middle Secondary |
| **ARMY OFFICER** |  | 1. Create your own obstacle course 2. Tactical Operations 3. War Debate | , , All  , , All  , , All |
| **LOTJ – Sir John Monash – Engineer, Lawyer, Vice-Chancellor, Army Officer** |  | 1. Letter Home: On the Eve of Gallipoli 2. Becoming Historians 3. Creating Secondary Sources | Primary Middle  , , |
| **LOTJ - Captain Reg Saunders – Army Officer** |  | 1. Discrimination involved? |  |
| **BIOSECURITY OFFICER** | Philosophy | 1. Bee Patrol   1. Bee Control   1. Chestnut Industry & Fungus 2. Bananas and Biosecurity 3. Insect Species & Biosecurity 4. Australiasect | , , All  Secondary |
| **BORDER FORCE OFFICER** |  | 1. Be a part of Border Force by helping raise a Detector Dog or look after an aged Detector Dog! 2. Change it up – Concentration 3. Worth a thousand words – how photos shape attitudes to refugees | Primary Middle    , , All  Secondary |
| **BUILDING INSPECTOR**  **A person holding a sign  Description automatically generated with low confidence** |  | 1. Flammable Cladding – what’s the score   Just a Minute: The Building Inspector | , , All |
| **COMMUNITY CORRECTIONS OFFICER** |  | 1. Compare and contrast: what is your opinion? How would you act? | Secondary |
| **CORONER** |  | 1. Coroner calls for compulsory primary school swimming lessons following beach tragedy: What notice should be taken? 2. Inquest Reports: the hidden costs | Primary Middle  Secondary |
| **DIPLOMATIC SERVICE OFFICER**  **A picture containing drawing  Description automatically generated**  **Ambassador** |  | 1. The Power of “soft” Diplomacy 2. How to build a career in foreign relations - a Research Assignment 3. The Pope and Diplomatic Power: Hard Quiz | , , All  Secondary |
| **LOTJ – H.E Peter Heyward Ambassador** |  | 1. Australian Ambassadors | , , All |
| **ELECTORATE OFFICER** | **Personal and social capability**  F:\OTJ_09082017\onthejob\images\teachers_parents\cafe\Curriculum_Icon_Sustainability.gif | 1. Write a media release: the greening of our school 2. What’s your opinion: The Foreign ownership of Australian property 3. Cast Your Vote | , , All |
| **EMERGENCY DISASTER PLANNER**  **A picture containing drawing, computer, sign  Description automatically generated** | **Personal and social capability** | 1. A Fire Survival Kit – A Fire Safety Budgeting Unit [6 – 8 lessons] 2. Your Emergency Plan 3. Emergency Recovery Lessons (developed by Australian Red Cross) | , , All |
| **FISHERIES OFFICER** |  | 1. Minimum Requirements 2. Fish n Kids 3. Bycatch – How can you get Australians to eat it? | Primary Middle  Primary Middle  Secondary |
| **HARBOUR MASTER**  **A picture containing text  Description automatically generated**  x50 |  | 1. Who are the current Harbour Masters in Australia? 2. The Harbor-Master: A Classic Horror Story: A Sequel: On the Shoulders of Giants | Primary   Secondary |
| **INTELLIGENCE ANALYST**  **A picture containing text  Description automatically generated**  **Intelligence Officer**  **Surveillance Officer** | Intercultural Understanding    Philosophy | 1. Change it up 2. Making and Using a Scytale 3. The Petrov Affair – Rich Task & WebQuest 4. Today’s Espionage in Australia: Analyse #TC 5. Websites, Games & Apps: Spot the difference; Spot It App | , , All    , , All |
| **LOCAL GOVERNMENT INSPECTOR**    Compliance Officer (Local Government) Parking Inspector Swimming Pool & Spa Inspector Waste & Compliance Environmental Officer | Philosophy | 1. The Parking Meter and The Beatles! 2. Mr Bean – Parking 3. Deposit Schemes: What is involved? 4. Websites, Games & Apps: Park Patrol and Ethics; Car Parking Games (2); Parking Mania Lite App | Primary Middle    , , All |
| **METEOROLOGIST** |  | 1. Build your own weather station 2. Aboriginal Meteorologists – What can we learn from this extensive Indigenous knowledge? 3. Websites & Games: NASA – Wild Weather Adventure; Weather WizKids; Trivia Questions; The Weather Channel; 4. The Science of Bushfires WebQuest 5. The Last Lighthouse Keeper WebQuest | , , All    , , All    Middle |
| **NAVY OFFICER / NAVY SAILOR** | Intercultural Understanding | 1. Australian “Battleship” 2. Treasure Hunting vs Underwater Cultural Heritage vs Future Green Energy Projects: what's your take? 3. Knots and Knots: What Sailors ought to know! 4. Telescoping Periscope (from Try Engineering) 5. Mental Mathematics for Maritime Warfare Officers, Pilots, & Aviation Warfare Officers 6. Navy Cadets: STEM Activities (CSIRO Bebras Challenge) | Primary Middle      Primary Middle  , , All    , , All |
| **LOTJ – Navy Officer**  **Capt. Mona Shindy** |  | 1. Tweets & Government Employees: Why is it not allowed? A Community of Inquiry | , , All |
| **PARK RANGER** |  | 1. Ranger Smith in Australia! 2. An episode for Landline: The Work of Indigenous Land and See Rangers 3. WebQuest: Mununja the Butterfly 4. Conflict Yellowstone Wolves WebQuest (Web Archive) 5. Wolves of Yellowston WebQuest 6. Websites, Games & Apps: Ranger Roo | Primary    Primary  Middle  Middle  Primary |
| **PARLIMENTARIAN** |  | 1. Excursion to Canberra Website: Parliamentary Education Office – Role Play Program; 2. Your Own Classroom Electorate 3. Debate 4. Political Cartoons Australia 5. Websites, Games & Apps: Debate Game for Kids; UK – Parliament Game; Debate [Online Worksheet] | Primary  , , All  , , All  Secondary  Primary |
| **LOTJ – Neville Bonner – Senator** |  | 1. Create a Slide Show using PowToon | , , All |
| **Peter Lalor, Leader of the Eureka Stockade and Victorian Parliamentarian** |  | 1. BTN and Eureka Stockade Activities 2. Eureka Stockade: Let’s Draw from Song, Story and Poetry 3. Tax Revolt or a Fight for Democracy? | Primary  , , All  Secondary |
| **LOTJ – Nova Peris – Senator** | Philosophy | 1. Create a Story about Nova Peris using Storify 2. Black Lives Matter | , , All |
| **LOTJ – Edward Gough Whitlam – Prime Minister** |  | 1. Indoor Plumbing 2. Whitlam changed Australia's view of itself: Can you follow in his footsteps? | , , All  , , All |
| **PATENTS EXAMINER**  **A picture containing text, queen, clipart  Description automatically generated**  **Intellectual Property Lawyer**  **Patents Attorney** | Philosophy | 1. Biomimicry in Engineering (developed by Try Engineering) 2. Dispenser Designs (developed by Try Engineering) 3. How Russia is using intellectual property as a war tactic. Community of Inquiry #TC | , , All  , , All |
| **LOTJ – Laura Smith-Hewitt**  **Patent Examiner** |  | 1. You can be the Examiner! Carry out a SWOT Analysis | , , All |
| **POLICE OFFICER** | Philosophy | 1. Maths on Patrol 2. Police Report 3. Facial Recognition Technology: What do you know? 4. Websites, Games & Apps: Detective Game – OTJ; Police Games; CSI Web Adventure; Who Dunnit?; CSI Hat Snatcher; CSI Tugboat Thug; CSI Squeak Sneak; CSI Mind Prison; Enquiring Minds 5. Crime Prevention WebQuest | Primary    , , All |
| **LOTJ – Senior Sergeant Tim Hardiman** |  | 1. Neighbourhood Watch 2. Police Action Role Play | Primary Middle |
| **LOTJ – Sergeant Lillian Armfield – Australia’s first female detective** | Philosophy | 1. Ruth Park: The Harp in the South/ Poor Man’s Orange: How much have things changed for Women? 2. Issues of Gender – A Community of Inquiry | Secondary  Secondary |
| **POSTAL WORKER**  **A picture containing person, young, riding, wearing  Description automatically generated** |  | 1. Postie for a Day 2. Time to Deliver! It’s all about Numbers 3. Post Office Numeracy: Research 4. Learn Photoshop: How to Create a Postage Stamp using the 90th Birthday as inspiration! 5. Websites: Stamp Collecting;   Stamp Arena; The Young Collector; The Post Office Game;   1. Stamps: Mirrors of Australia WebQuest | Primary  Primary  Primary Middle  , , All  Primary Middle |
| **PRISON OFFICER** |  | 1. Prisons on Film: Australian Stories 2. Cooma Prison: a creative response | Secondary  Secondary |
| **PUBLIC SERVANT** |  | 1. Help the Commonwealth Public Service? How? 2. What can you do for your school? 3. Public Service – Public Speaking 4. Between Two Worlds WebQuest: An Australian Perspective Re-write | , , All  Primary |
| **LOTJ – Charles Perkins Public Servant** |  | 1. How is Charles Perkins portrayed? 2. Riding for Freedom: the campaign for civil rights for Indigenous Australians - WebQuest | , , All |
| **LOTJ – Ken Wilkinson**  **Public Servant** |  | 1. Social Justice – what can you do as a “Public Servant” at your school? | , , All |
| **RAILWAY INFRASTRUCTURE WORKER**  **A picture containing text, clipart  Description automatically generated** |  | 1. Some new Australian Thomas the Tank Engine Characters 2. What do you know about the innovations of rail travel? A Research Project #TC | Primary Middle |
| **ROAD WORKER** |  | 1. Top Gear: Road Works | Secondary |
| **TOURIST INFORMATION OFFICER**    **Tour or Tourist Guide** | Philosophy | 1. Medical and Dental Tourism: Is it something you would consider? 2. Do we REALLY have to go on holidays? | Secondary |
| **TRANSPORT SERVICES OFFICER** |  | 1. The Railway Children – A Review 2. On Trial: “Teen arrested after spitting at Train Guard” | Primary |
| **URBAN AND REGIONAL PLANNER** |  | 1. “Where Things are From Near to Far” – A Review 2. Make a Town 3. What makes a city tick? Designing the ‘urban DMA’ 4. Trigonometric Trajectories & Glider Poles 5. RMIT: Centre for Urban Research: A Research Project 6. Website: ABC Splash: Urbanisation 7. Global Warming WebQuest | Primary    Secondary    Secondary  Secondary  , , All |
| **LOTJ – Walter Burley Griffin; Urban and Regional Planner**  **Town Planner** |  | 1. Creating a Walter Burley Griffin Memorial | , , All |
| **WEIGHTS & MEASURES INSPECTOR**  **A picture containing text  Description automatically generated** |  | 1. A Question of Balance (Created by TryEngineering) 2. A re-run of NMI’s Harvest to Home trade measurement inspection campaign – Secret Shopper | , , All |
| **WORKPLACE HEALTH & SAFETY OFFICER** |  | 1. Creating a “Thank God You’re Here” TV Show 2. Stick or Carrot? Which is better? | , , All |