

Online Learning Student Resource

Careers in Food and Fibre



Curriculum Links:

- VET Agriculture, Horticulture, Conservation & Land Management
- VET Animal Studies
- VET Laboratory Technician
- Food Technology
- Geography
- Mathematics
- ICT
- Chemistry
- Biology
- Industry and Enterprise



Name: _____

This resource support the Victorian Education Department Careers Curriculum Framework for years 7-12 and VCE VM (Vocational Major) and Victorian Pathways Certificate VPC.

Skilling
THE BAY



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This resource will help you discover more about one of Geelong's trending industries.

A trending industry is a growth industry that is expected to drive economic growth and create employment opportunities in the near future.

These industries are going to need people like you.

Careers in Food and Fibre (Agriculture, Forestry, Fishing) in the Geelong Region

Food and Fibres are the human produced or harvested resources used directly to sustain human life and are produced in managed environments such as farms and plantations or harvested from wild stock.

The food and fibre industries are interesting, diverse, and dynamic and provide jobs for thousands of Australians and important resources for us and the rest of the world to use, consume and enjoy.

For thousands of years the Wadawurrung people farmed and practiced aquaculture across their tribal land. By mid-1800's Geelong was riding high on wool and wheat. Refrigeration was invented in 1850 by James Harrison, founder and first editor of the Geelong Advertiser, which enabled meat to be transported by ship to other parts of Australia and England. Australia's first woollen mills and cloth manufacturing facilities were born here. World leading innovation in Food and Fibre production continues in our region today.

Victoria has the largest number of persons employed in Agriculture and Food industries contributing 25% to the agriculture and food employment in Australia.

In June 2022 there was a total of 153,840 persons employed in agricultural production and food manufacturing in Victoria.

- 68,870 in Agricultural production
- 84,970 in Food and Beverage production
- 5,260 in Agricultural Services

Learning Objectives:

This food and fibre resource provides a framework to understand the value of primary industries and the diversity of careers offered in this sector. Students will have the opportunity to:

- Identify local food and fibre industries and organisations
- Develop an understanding of the type and diversity of careers offered in the food and fibre industry sector
- Develop an understanding of pathways and job opportunities in this sector beyond the school gate.

On average, a person will change their career 5-7 times throughout their working life. Changes in technology and scientific discoveries means that new jobs that didn't exist 10 or 20 years ago, now require a workforce.

It is the perfect time to start thinking about your skills and industries that you would like to study and/or work in.

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This resource is proudly provided by the Geelong Region Local Learning and Employment Network.
Compiled by Amanda Stirrat, Project Officer GRLEN. ©



We acknowledge the Wadawurrung peoples of the Kulin Nation, the traditional custodians of the land and waters on which we live and work. We pay our respects to their Elders past, present and emerging, and thank them for their care of the land.

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Activity 1

The Food and Fibre Industry



Victorian Agriculture

Click onto the link ABARES – Australian Bureau of Agricultural and resource economics and science. (click the blue icon)

Choose Victoria from the drop down box.

Fast Fact

62% of Australia's milk production is from Victoria.

Select the following regions below and fill out the table.

Region	Total no. of farms	How many people working in Agricultural Sector?	What type of agriculture employs the most people?
Geelong			
Warrnambool & Southwest			
Northwest			
La Trobe			
Shepparton			

- Note:**
- Other Livestock refers to poultry, eggs, pork, goats and aquaculture.
 - Grains also underpin food processing such as milling, malting and brewing and Victoria's animal feed industry.
 - Horticulture refers to vegetable and fruit (both fresh and dried) growing, grapes and nuts.

Activity 1

The Food and Fibre Industry *continued*



Victoria's Agriculture and Food Industries

Click onto the link for the latest fast facts of individual food and fibre industries in Victoria. (click the orange icon)

Fast Fact

48% of Australian horticultural exports were from Victoria in 2015-16

click

Choose one industry you are interested in and fill in the table.

Industry of Interest:			
No. of businesses	No. of jobs in industry	Value of industry production	Value of Exports

Let's take a closer look at the Barwon region

The Barwon region is well connected as it has strong Agritourism business opportunities, is close to markets, has agricultural focused educational facilities and a strong food processing base.

Dairy, beef and poultry contribute significantly to Barwon's agricultural production.

- Dairy – 30.3% of regions value of agriculture production (5.5% Victoria's dairy production)
- Beef- 21.4% of regions value of agricultural production (4.6% Victoria's beef production)
- Poultry- 12% of regions value of agricultural production (9% of Victoria's poultry production)

In addition to above, Food Processing in the Barwon region is worth annually \$1.1bn the main types of food processing being in dairy and meat with locations in Colac and Geelong.

**Source Victorian Government ABS Census data 2016 (agricultural production)*

What is Agritourism?

Watch the video. (click the pink icon)

In your own words what is agritourism?

Activity 2

Personality Quiz



Are you suited to a career in Food and Fibre?

Take a
career quiz >>

Find out more about yourself to decide if a career in Food and Fibre is for you.

Where to begin in a career in Food and Fibre

A Bullseye look at careers in Food and Fibre

<https://myfuture.edu.au/bullseyes/details/31--rural-studies>

For further information on Food and Fibre Careers check out this website.

<https://www.yourcareer.gov.au/industries/a/agriculture-forestry-fishing>



Activity 2

Personality Quiz *continued*



So, you want to be a farmer. Where can it lead you? How can you get started? Go for it there is so much diversity.

Young Farmers Scholarships Victoria

Click on the video to see what opportunities for study and training are offered in Victoria. (click the green icon)

These young farmers talk about what the best thing about being a farmer.

Tick the comments that were made in this video.

	Yes	No
Love working outdoors		
Diversity in what you do each day		
Always doing administrative work		
Sometimes I am in the tractor		
Some days I get to build something		
There is not much to do on a farm		
Some days I am working with animals		
I get to work with my family		
Love the lifestyle		
Never get to hang out with friends		

The Young Farmers Scholarships Victoria offer an opportunity for young people on farms to study and get further training in areas that they are interested in.

1. Why has the scholarship been good for Georgia?

2. What courses has Tyr-Ryan been able to complete and at what training facility?

3. Tyr-Ryan says that agriculture provides opportunities in what other areas?

4. Jen Smith says that it is an exciting, vibrant thriving industry that gives you the opportunity to

your own destiny.

Activity 3

Meet a dairy farmer



Dairy Farming

67% of Australia's dairy farms are in Victoria. 33% of those in Southwest Victoria.

Dairy farming or dairying, is a branch of agriculture that encompasses the breeding, raising and utilization of dairy animals, primarily cows for the production of milk and dairy products that are processed from it.

Dairy farming is a practice of raising mother animals such as cows, goats, buffalo, donkeys and other livestock for using their milk to feed humans.

Take a tour of a dairy farm in Tasmania



List the tasks that Dairy farmers do in order on a daily basis by the following time brackets.

4.00am	
5.00am	
6.00am	
7.00am	
8.00am	
9.00am	
10.00am	

11.00am	
12.00am	
1.00pm	
2.00pm	
3.00pm	
4.00pm	
5.00pm	

Did you know?

There are 400,000 dairy cows between Geelong and the South Australian border producing 2.1 billion litres of milk annually... that is 6 million litres a day.

Activity 3

Meet a grain farmer




Grain Farming

Victoria has favourable climate and soil that support the production of a range of crops including cereals (such as wheat, barley and oats), oilseeds (such as canola) and pulses (such as lentils, faba beans and chickpeas).

Watch the video of grain farmer. (click the orange icon)

1. Ed works on a family farm with his father and brother. It is a broadacre farm what crops do they grow?

2. When do they employ casual staff?

3. List professionals Ed gets cropping advice from? Google one and see what they do 

4. Ed did not start out working on the farm what profession did he work in?

5. To learn more about farming Ed joined up to the Farm Business Resilience Program to better understand what?

6. Ed has installed new technologies like weather stations, soil moisture probes and video cameras to improve productivity of the farm. How does the soil moisture probes help?

7. Do you think to be a successful farmer you need a business plan? Yes or No

Activity 4

Introduction to Horticulture



What is Horticulture?

Horticulture in agriculture means the growing of fruit, vegetables and nuts for human consumption or production.

In Victoria there are 2,850 farms producing horticulture for human production. Breaking that down into types of farms in Victoria we have:

- 980 Fruit and nut farms
- 310 Table and dried grape farms
- 810 Wine grape farms (vineyards)
- 740 Vegetable farm businesses

The industry employs 15,400 people with an additional 6,000 consultants and year-round casual workers. Pre-covid the seasonal workforce swelled to 20,000 workers.



Introduction to Horticulture Industry

Watch the video. (click the pink icon)

This video is set in Northwest Victoria which is a major food growing area. Horticulture is diverse and crops can be grown on trees, vines or in the ground. What they all have in common is these crops use water to produce a high value product and have a seasonal/casual workforce as well as a permanent one.

1. What type of work would seasonal workers do in this industry?

2. After harvest what type of work would the more permanent staff do?

3. If you wanted to have a career in this industry, what could you specialise in, and would these skills be transferrable across this industry?

4. Produce is harvested and then is packaged. What type of roles would be involved in a packing facility?

Activity 4

Introduction to Horticulture

continued



Wineries and Viticulture

Victoria is home to 800 wineries and 600 cellar doors.

Click on to the Wineries of Victoria website and locate what region Geelong wineries are in. (click the green icon)

Meet Tim Byrne a winemaker at Terindah Estate.

click

Tim has taken a number of years to become the Vineyard Manager and Winemaker at Terindah.

Number each pathway in the order they occurred from 2005 till now.

Number	Pathway
	Finished Wine Science Degree through Charles Sturt University
	Worked at Brown Magpie Winery in Modawarre
	Looked after families Shiraz vineyard and made first solo vintage
	Worked at Scotchman Hill Winery
	Worked at OZPAK as lab technician analysing wine
	Promoted to winemaker at Terindah
	Became vineyard manager and assistant winemaker at Terindah

1. What does Tim love most about being a winemaker?

2. Tim has been pursuing organic practices in the vineyard over the past 3 years. What does he want to be the first to do on the Bellarine?

Scotchman Hill winery Bellarine's largest and oldest winery.

Watch the video to meet the people that work there. (click the blue icon)

Activity 5

Poultry Farming



Chicken meat is Australia's most consumed source of meat-based protein with the lowest footprint of all meats.

Source: Agrifutures www.agrifutures.com.au

Victoria has 234 poultry farm businesses in both egg and meat production.

About 1900 people are employed in poultry farming jobs. Geelong is also home to a large chicken processing plant, Turosi Pty Ltd in Breakwater, which employs 400 people.

click

Meet the farmers that supply chickens to Turosi.

Read how Brian Hepburn from Mt Moriac got started in Chicken Farming. (click the yellow icon).

1. When Brian finished school what type of course did he do and what did he do with it?

2. Brian did share-farming for 5-6 years. What is share-farming?

3. He went back to the family farm and started to get interested in chickens. He had two sheds but still was working with his sheep. How many sheds does he have and how many chickens does he have in the sheds?

4. Many farmers like Brian work on a succession plan for the farm. What does this mean?

Chicken farming careers



Activity 6

Sheep Meat and Wool Production



Sheep Farming

A sheep farmer can produce sheep for wool or sheep for meat (lamb and mutton), sometimes they do both. There are approximately 8,600 sheep producers, 15 million head of sheep, providing nearly 13,000 jobs in Victoria.

Victoria produces the highest percentage of lamb and mutton in Australia and second highest percentage for wool.

The Wool Industry:
Click on the fact sheet and look at the diversity



Wool Production

Watch the Video a 360° tour of a shearing shed. (click the green icon)

Can you identify the following workers - Shearer, Wool Handler, Wool Classer and Wool Grower?

1. What is the difference between a wool handler and a wool classer?

2. What does it mean to skirt the wool and why do you need to do it?

3. How many sheep does a shearer shear in one day?

4. How are they paid?

5. How long does it take the wool to grow?

6. What would happen if a sheep was not shorn?

7. What other jobs does a wool grower need to do during the year to keep the sheep clean and well?

Activity 6

Sheep Meat and Wool Production *continued*



Crutching Ewes

Watch the video. (click the blue icon)



1. What is crutching and why do the ewes need to be crutched?

2. How many sheep were crutched in the first 2 hours of the day and how many were crutched in the whole day?

3. What were the sheep herded onto, how would this make it more efficient to crutch more sheep in one day?

Did you know?

More than 200,000 people are employed in producing and exporting Australian wool.

Shearing Hub Regional Camps for indigenous young people

Watch this video to see a great program happening in WA. (click the yellow icon).

This camp provides an opportunity for Aboriginal young people to gain training in shearing and handling wool.

4. Why is important to work as a team in this type of environment?

This camp is to prepare young people to be job ready and use these transferable skills in their future careers.

Activity 6

Sheep Meat and Wool Production *continued*



Sheep Production for lamb and mutton meat

Australia is the world's second largest producer of lamb and mutton and employs around 200,000 people in the red meat industry including on-farm production, processing and retail.

Our Farm Life: Selling lambs

Watch the video. (click the pink icon).

click

In this video you see a farmer getting lambs ready to be sold at the saleyards.

Put these 8 tasks in the correct order in the box below.

- Drench and vaccinate lambs
- Crutch dirty lambs
- Take lambs to loading ramp
- Draft (pick out) dirty lambs for crutching
- Get Truck
- Drive truck to market
- Round up lambs
- Load onto truck



Step	Task
1	
2	
3	
4	
5	
6	
7	
8	

Activity 7

Beef Farming & Production



In Victoria there are approximately 10,000 beef farms with almost 2 million head of cattle. Roughly 18,800 people are employed in this industry from the paddock to the plate.

Beef farming is the breeding, rearing and management of cattle for food requirements. The breeding, maintenance and slaughter of livestock is known as animal husbandry. Most Victorian beef cattle are kept on managed pastures and only 13% grown out in feedlots.

Watch the video

From Paddock to Plate

(click the green icon).



Activity 7

Beef Farming & Production *continued*



Happy Cattle, Better Beef

1. Why is Australian beef known as the best in the world?

2. Climate change and sustainability have become two concerns for beef farmers.

What four things are beef farmers considering for sustainable practices?

1	
2	
3	
4	

3. What is an Electronic Identification Tag EIT and why would this be useful?

4. When transporting cattle how does Rodney make the journey as stress-free as possible for the cattle?

5. All cattle are initially raised on natural pastures and most continue this way however some cattle are taken to a feedlot for their last few months. What are they fed at a feedlot and why?

You may need to do a little bit more research on what a feedlot is check out this website.



Activity 7

Beef Farming & Production *continued*



Food Processing Plant

Cattle are sold and processed at a food processing plant like M.C. Herd in Corio and Breakwater, Geelong.

Check out their website and look at the career opportunities that they offer.

6. List the skills required to be employed in these two jobs?



Production Labourer	Butcher/knifehand/bandsaw operator

Activity 7

Beef Farming & Production *continued*



Becoming a Butcher

To become a butcher, you can start with a traineeship and move into an apprenticeship. SW Tafe (Warnambool) offer a Cert 11 & III in Meat Processing (butcher)

Watch the video to see what it involves. (click the green icon).

7. Which job would you need to have a qualification in Cert III Meat Processing (Butcher)?

Production Labourer	
Butcher/knifehand/bandsaw operator	



Activity 8

Aquaculture



Aquaculture is the farming of aquatic animals or plants (both marine and freshwater) and includes breeding, raising, and harvesting in controlled conditions.

Globally, 50% of our edible seafood has come from aquacultural practices. Wild fish have been overfished, stocks have been depleted, so aquaculture can fill the gap of the seafood supply in a responsible and sustainable way.

The purpose of aquaculture is not only for food production but for the restoration of threatened and endangered species, wild stock enhancement and habitat restoration.

Watch the video

An introduction to Aquaculture, Victoria Fisheries

(click the blue icon).

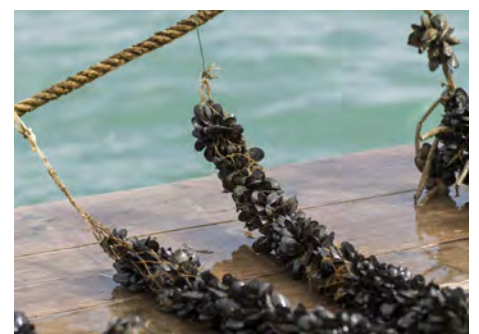


Six main aquaculture sectors are mentioned in this video fill in the table.

Type of Aquaculture	How grown and what type of environment	Type of water needed
Mussels		
Abalone		
Rainbow trout and Atlantic Salmon		
Murray Cod		
Eels		

Fast Fact

Victoria is the largest producer of Goldfish worth \$350ml per annum.



Activity 8

Aquaculture *continued*



Abalone Aquaculture

Abalone Aquaculture needs to be close to a shoreline as they are grown in tanks with fresh flowing seawater.

Watch the video to see how Abalone are bred, grown, harvested and sold (click the orange icon).

Jade Tiger Abalone in Indented Head is Australia's largest abalone aquaculture farm and the first in the world to achieve Aquaculture Stewardship Council ASC certification.

1. Look this up. What does it mean for this business?

Check out their Videos:

2. On any one day the facility has 10 tonnes of live abalone ready for market. What three ways are the abalone sold?

3. Who is their biggest market?

4. Abalone is grown, processed, and packed in house. What type of jobs and careers do you think might be needed at a facility like this? Make a list.

Activity 9

Scientific Advances in Farming



Over the past 50 years advances in machinery has expanded the scale, speed, and productivity of farm equipment. This has led to more efficient cultivation of land, improved farm yields and husbandry techniques. The next phase in agriculture which has already begun will use sophisticated technologies such as robots, temperature and moisture sensors, drones, AI, and GPS technology.

The aim of advancing these technologies is to allow farmers to become more profitable, efficient, safe, and environmentally friendly.

Watch the video

Future Farming 2050

(click the pink icon).



1. By 2050 globally farmers will need to increase food production by at least 70% from what was needed in 2007. What will be the two big drivers of the need for more food?

1	
2	

2. How does an increase in income change a consumers food preference?

3. As older growers exit farming there are fewer younger growers coming into replace them, so farms may need to be consolidated. What does that mean?

4. High technology solutions are already being used by farmers. What are Dairy Framers using?

Activity 9

Scientific Advances in Farming *continued*



5. Crop growers are trialling but legal and regulatory issues are still being worked out even though many machines already have this autonomous technology.

6. What is the potential use of Drone Technology which already has regulations in place for use?

7. Farming will be relying on complex equipment with lots of electronics so there is going to be a need for what type of worker?

8. What are Gene-edited crops and how will it improve crops in the future?

9. What are the three challenges growers have to consider?

1	
2	
3	

By using technology on their mobile devices and computers farmers will be able to monitor their crops and act faster when they need to.

10. What is a lettuceBot and what does it do?

A lot will happen between now and 2050 that we can't predict but we do know there will be a new generation of farmers, some not yet born, that will be needing skills not thought about.



Activity 9

Scientific Advances in Farming *continued*



Automatic Milking System (AMS)

Meet Phil and Simone Vines from Simpson in SW Victoria

Three years ago, they decided to go from a conventional/traditional dairy parlour (milking shed) to putting in an Automated Milking System AMS which allows the cows to feed and return to an open pasture and move through the dairy seamlessly themselves.

Watch the video (click the green icon).

One of the biggest changes for Phil and Simone is the flexibility they now have with their time.

1. What time does milking now start as compared to 5.30am and 3.00pm milking that used to happen?

2. The AMS system is doing a more efficient job and producing more litres of milk compared to the traditional method of milking. They can also tell when a cow is not well much earlier than before.

AMS Results	%
Milk production has increased by	
Vet bills have decreased by	



They are now called Data Information Farmers as using this system sends information on cow's health, uptake and milk yield and revenue. This information allows them to do a better job and they have more time with family and to pay attention to farming management issues.

To find out about Robotic cow milking, Althone Gippsland.

Watch the video (click the blue icon).

click

Activity 9

Scientific Advances in Farming *continued*



Scientific Advances in Chicken Meat Farming

Advances in biology, technology and medicine have had a big impact on chicken meat farming and allows for chicken meat to be sustainably farmed.

Watch the video (click the orange icon).

click

1. What seven agricultural practices and made chicken farming efficient and sustainable?

1	
2	
3	
4	
5	
6	
7	

2. What is selective breeding and why do it?

3. Chickens are kept in large barns so that their environment can be tightly controlled. Make a list of the methods used to control the chicken shed environment.

Activity 9

Scientific Advances in Farming *continued*



4. What is biosecurity?

5. What three ways do chicken farmers protect their chickens from disease?

1	
2	
3	

6. Complete the following sentences.

Advances in technology have allowed the development of machines at the hatchery that

at the farm level for food delivery systems to deliver correct

Barn computers for

and at the processing plant to provide the latest in

7. Why is chicken meat farming said to have a modest environmental impact compared to other land-based livestock farms?

Activity 9

Scientific Advances in Farming *continued*



Climate Change and Sustainability

Watch these videos to see how farmers are using biology, technology and medicine to address climate change and sustainability.

Breeding cattle that are more feed efficient with less emissions: Meet Jon a selective breeder

Breeding sheep that do not require mulesing. Find out what mulesing is.

Electronic Identification of Sheep and Goats an efficient way of tracking the animal from farm to plate or wool.

Commitment to animal wellbeing and carbon neutral farming Jigsaw Farm Hamilton Victoria

Four major areas to reduce climate change in the beef industry

Carbon Farming – Soil

Activity 10

Pathways



Where to from here?

You can begin a career in the food and fibre industry while you are still at school in years 10-12.

Vocational Education and Training (VET) allows you to develop skills and knowledge required for success in the workforce and to meet industry needs

VET and School Based Apprenticeships and Traineeships (SBATs) can be completed at a number of local schools and organisations such as The Gordon.

VET is offered locally to students in years 11-12 in the following food and fibre areas:

Trade Skills Centre – Covenant College, Geelong

- Certificate II in Agriculture
- Certificate II in Horticulture
- Certificate II in Animal Studies

Trade Skills Centre Covenant College

See page 21-22 of student handbook

The Gordon TAFE

- Certificate III in Animal Studies
- Certificate III in Companion Animal Services
- Certificate III in Laboratory Skills



Bellarine Secondary College, Drysdale

- Certificate III in Equine Studies



Activity 10

Pathways



Pathways Table

Agriculture	Certificate II in Agriculture	Certificate III in Agriculture	Certificate IV in Agriculture	Diploma of Agriculture
Cattle (beef)	Assistant farm hand	Cattle farmhand	Head cattle stockperson	Farm Production Manager
Dairy	Assistant farmhand	Dairy farmhand	Dairy farm supervisor	
Sheep and Wool	Assistant farmhand	Station Hand sheep and wool	Sheep farm supervisor	Sheep station Manager
Grain	Assistant grain farmhand	Grain farmhand	Grain farm supervisor	Grain farm supervisor

Horticulture	Certificate II in horticulture	Certificate III in Horticulture	Certificate IV in Horticulture	Diploma of Horticulture	Advanced Diploma of Horticulture
Food	Crop worker	Senior Crop Worker	Crop team leader	Crop Manager	Crop Business manager

Equine	Certificate III in Equine Studies	Certificate IV in Equine Studies	Diploma of Equine Management
Horse breeding, riding, and handling	Stud farmhand	Stud farm supervisor	Stud Farm Manager

Wool	Certificate II in Wool Handling	Certificate III in Advanced Wool Handling	Certificate IV in Wool Classing
	Wool Handling Assitant	Shearing shed hand	Wool Classer

Note above tables are not exhaustive and subject to change.

Activity 11

Taking it a further step



Where to from here?

Within our region we have agricultural focused education facilities such as Marcus Oldham College, the only private agricultural college operating in Australia that provide world class education in agriculture, equine studies, and farm management.

To look at what they offer click onto this website <https://marcusoldham.vic.edu.au/about-us>

Meet Anna Cotton who studied Farm Business Management at Marcus Oldham and learnt new technologies and gained the confidence to take over one of the oldest farms in Australia.



What about studying Agribusiness

Agribusiness refers to the collective business activities in food, fibre and agricultural supply chains.

Where else can you study for a career in Agriculture and Horticulture?

Longerenong Agricultural College offers courses at a Certificate level and focuses on agronomy, rural merchandise management, wool classing, farm management, research and livestock sales.

Glenormiston College is connected to the SW Tafe and specialises in education and training for the agriculture and horse management industries.

Dooki College is a faculty of Veterinary and Agricultural Science of Melbourne University and is involved in research and technology practices for future agriculture. It is set in a rural setting and is home to merino sheep, an orchard, robotic dairy and a winery.

Useful Links

for Teachers and Students



Curriculum Links for Teachers and Students

The Education Department of Victoria has developed a Careers Curriculum Framework for Years 7-12.

Many of the activities in this resource relate to the learning outcomes of this framework. See Appendix 1.

This resource also supports unit outcomes in the VCAs VCE VM Work Related Skills as outlined in the study design.

This resource uses credible and reliable sources that students are encouraged to use.

This resource supports outcomes in Unit 1 Careers and learning for the future and Unit 2 Skills and Capabilities for Employment.

In addition to this, some of the information and activities in this resource could be used in Unit 4 in the presentation of a portfolio related to a target industry.

For more information click on the following links Work related skills study design

<https://www.vcaa.vic.edu.au/curriculum/vce/vce-study-designs/VCEVMWorkRelatedSkills/Pages/Index.aspx>

Students could also use the Youth Central Website for a whole range of work-related topics like, how to create a resume or job application and what to expect in a job interview.

<https://www.youthcentral.vic.gov.au/jobs-and-careers>

Appendix 01



Framework Learning Outcomes

Years 7 - 10

Year	Self-Development			Career Exploration			Career Management		
7	1. Recognise the importance of how behaviour and attitude affect personal performance	2. Utilise effective social and interpersonal skills when interacting with others	3. Understand the concept of stereotypes, biases and discriminatory behaviour in relation to career and work options	4. Discover how different kinds of work require different combinations of skills and knowledge	5. Understand the contribution of work to family life and explore the effect of work on people's lifestyles	6. Explore the different types of work opportunities, including paid and unpaid work, volunteer work, self-employment and periods of unemployment in people's career journey	7. Recognise the underlying concepts of the career building process by developing a Career Action Plan that includes goal-setting	8. Explore the education and training requirements of various work roles	9. Understand the range of career information resources through networks, the Internet, television and newspapers that provide occupational and industry information
8	1. Identify their beliefs and value systems and their influence on self-concept	2. Use the results of self-assessment to identify areas for development, build aspirations, and a positive self-image	3. Understand and analyse how personal characteristics (attitudes, interests, values, beliefs and behaviours) influence career decisions	4. Discover the learning habits and study skills that help people achieve good education and training outcomes	5. Explore the importance of a variety of skill types in the workplace	6. Understand how different types of work (paid, unpaid, volunteer, self-employment and periods of unemployment) contribute to society	7. Understand how choices are made and explore what can be learned from their decision-making experiences	8. Understand problem-solving strategies and goal-setting in making career and life decisions	9. N/A
9	1. Understand how individual characteristics such as interests, skills, values, beliefs and attributes contribute to achieving personal, social, educational and professional goals	2. Explore methods to enhance interpersonal and group communication skills including skills for a successful work interview	3. Recognise stereotypes, biases and discriminatory behaviours that may limit opportunities for people in the workplace	4. Understand how past, present and future academic performance may impact upon the selection of future programs and courses	5. Explore and develop commonly used work search tools (e.g. job applications, forms, resumes and portfolios) to find and maintain work	6. Explore the relationship between work and the community and how technological advances impact on work roles in the community	7. Use career information resources to locate information on occupational and industry trends, education and training trends, social and economic trends	8. Understand the importance of developing flexible and adaptable short-term Career Action Plans within the career building process	9. Examine how personal goals can be satisfied through a combination of work, community, social and family roles
10	1. Understand the importance of allies (i.e. friends, family and supporters) to maintaining a positive self-concept	2. Assess how personal characteristics and behaviours are reflected in your life, learning and work goals	3. Discover personal and professional benefits of developing a positive self-concept and the consequences of developing a negative one	4. Demonstrate skills and attitudes towards learning that will help you to achieve your life and career goals	5. Understand the relationship between work, community and the economy	6. Explore the education and training requirements of various work roles in your preferred future occupation or work sectors	7. Use career information effectively in the management of your Career Action Plan	8. Understand the importance of developing a range of scenarios for future career choices	9. Examine the concept that every decision is a career decision by creating and maintaining your career portfolio

Years 11 - 12

Year	Self-Development			Career Exploration			Career Management		
11	1. Understand and analyse how personal characteristics, interests, attitudes, values, beliefs and behaviours influence career decisions	2. Explore innovative interpersonal and group communication skills, including discovering the importance and benefits of being able to interact with diverse groups of people in all areas of life	3. Identify attitudes, behaviours and skills that contribute to overcoming bias and stereotyping in the workplace	4. Identify the transferable skills, knowledge and attitudes that can fulfil the requirements of a variety of work roles and work environments	5. Explore the importance of revisiting and fine tuning your preferred study, training and work options within your Career Action Plan	6. Engage in career planning and development that takes into account changing economic, social and employment trends	7. Use career information resources to identify career opportunities that are available to someone with your skills, knowledge, aspirations and assess the reliability of the information	8. Prepare for selection interviews and/or auditions and demonstrate enterprise, negotiation, networking and self-marketing skills to an appropriate level	9. N/A
12	1. Understand and analyse how achievements related to work, leisure, voluntary work and learning influence self-concept	2. Re-examine your personal characteristics and determine those that contribute positively to the achievement of your life, learning and work goals	N/A	3. Identify how your education and training achievements affect your available options, courses, programs, workplace training and/or entry into work	4. Locate and use education and training information, occupational and industry information and labour market information in the career building process	N/A	5. Consider the possible implications of changes in learning and work for your own career goals and plans including financial options	6. Understand and apply problem-solving and goal-setting strategies in making career and life decisions	N/A

VET and ACE Providers

Self-Development			Career Exploration				Career Management			
1. Use the results of a self-assessment to identify areas of development, build aspirations and provide positive self-image	2. Explore methods to enhance interpersonal and group communication skills including for a successful work interview	3. Re-examine your personal characteristics and determine those that contribute positively to the achievement of your life, learning and work goals	4. Demonstrate skills and attitudes towards learning that will help you to achieve your life and career goals	5. Participate in continuous learning supportive of career goals	6. Identify how your education and training achievements affect your available options for courses, programs, workplace training and entry to work	7. Locate and use education and training information, occupational and industry information and labour market information in the career building process	8. Develop abilities to seek, obtain, create and maintain work	9. Consider the possible implications of changes in learning and work for your own career goals and plans including financial options	10. Understand and apply problem-solving and goal-setting strategies in making career and life decisions	11. Examine how personal goals can be satisfied through a combination of work, community, social and family roles

Careers in Food and Fibre



The Role of the LLEN

There are 31 Local Learning Employment Network groups throughout Victoria.

They aim to help jobseekers of all ages achieve sustainable employment through partnerships with key regional organisations.

They also facilitate student access to structured workplace learning placements which are tailored to local priorities and employment opportunities.



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