

# Online Learning Student Resource

## Careers in Supply Chain & Logistics



### Curriculum Links:

- VET: Certificate III in Emerging Technologies
- VET: Certificate II & III in Information Technology
- VET: Certificate II in Workplace Skills
- VET: Certificate II in Business
- VET: Certificate II in Engineering
- Work Related Skills Unit 1 & 2



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



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

A trending and priority 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 Supply Chain and Logistics in the Geelong Region.

**Geelong is at the hub of a road, rail, air, and sea transport web. Moving people and products around has created 5.7% more jobs in our region since the 2011 census.**

The Port of Geelong, around which the city of Geelong was originally established, has announced a series of developments already commenced or about to be rolled out in the port precinct. Here are just three:

- The \$85 million Maltuerop malthouse where half of Victoria's malting barley will be processed to meet a growing South East Asian Market.
- A new 25 year partnership between GeelongPort and Boral Cement to construct a \$130 million clinker grinding and cement facility operating around the clock, to handle around 1.3 million tonnes of cement products per year, products designed to build our city's future.
- Viva Energy \$115 million infrastructure additions, including a \$50million crude oil tank project to protect Victoria's fuel security and new fuel pipeline transports to provide fuel to Avalon and Melbourne Airports.

Road and rail systems in Geelong are expanding daily to service our growth corridors. Today, 80% more people work in Geelong's passenger rail system than did in 2006. With the expansion of our international [Avalon](#) airport, Careers that Move in Geelong are on the move!

**Careers in Supply Chain and Logistics are seen as one of the fastest growing industries in Geelong.**

### Learning Objectives:

It is intended that the students will:

- Develop an understanding of the diversity of careers in the Supply Chain and Logistics sector.
- Gain an insight into the type of work people working in the Supply Chain and Logistics do; the skills and attributes needed to carry out their roles and tasks.
- Identify local supply chain and logistics industries and organisations.
- Develop and 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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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

## Supply Chain and Logistics Industry



### What is Supply Chain and Logistics?

Make a list of jobs that you think would be a part of the supply chain and logistics industry.

Supply Chain can mean many different things but in essence the 5 pillars of any company that handles products are – **Plan, Source, Make, Deliver and Return**, and the supply chain is what connects them. You are moving three things in a supply chain – you’re moving goods, you’re moving information and you’re moving money.

A **supply chain** is a network of people and companies involved in creating a product and delivering it to consumers - beginning with raw materials and ending when a finished product is delivered or bought by the end user. Along the way interactions occur between suppliers, manufacturers, distributors, and companies that move the materials and goods along the chain from A- B. People who work in the Supply Chain sector work in diverse and varied roles within the five pillars of the supply chain.

**Logistics** refers to the **physical** movement and **storage** of goods and is the overall process of managing how resources are acquired, stored, and transported to final destinations.

Logistics workers may work in shipping, rail, and air transport, receiving and distribution, warehousing or may also work in global supply chain operations.

**Global supply chain** covers all steps involved in sourcing, manufacturing and delivery of a product or service when those steps take place in more than one country.



**The whole world is a supply chain – everything ever produced is part of a supply chain.** ”

~ **Radu Palamariu**

(Source to Sold – Stories of Leadership in Supply Chain 2022)



# Activity 1

## Supply Chain and Logistics Industry *continued*



### Global Supply Chain

Watch the video. (click the pink icon)

1. What is the product featured in this animation?

2. Where was it designed?

3. What other countries were components sourced from? Zip, Fabric, Buttons what country did they come from?

4. Where was the product made?

5. How was the product distributed?

6. Where did the final product end up and what country?

7. Who bought the final product?



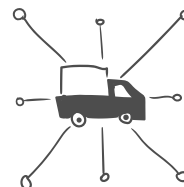
Raw  
Material



Supplier



Manufacturer



Distributor



Retailer

# Activity 2

## The Supply Chain Concept



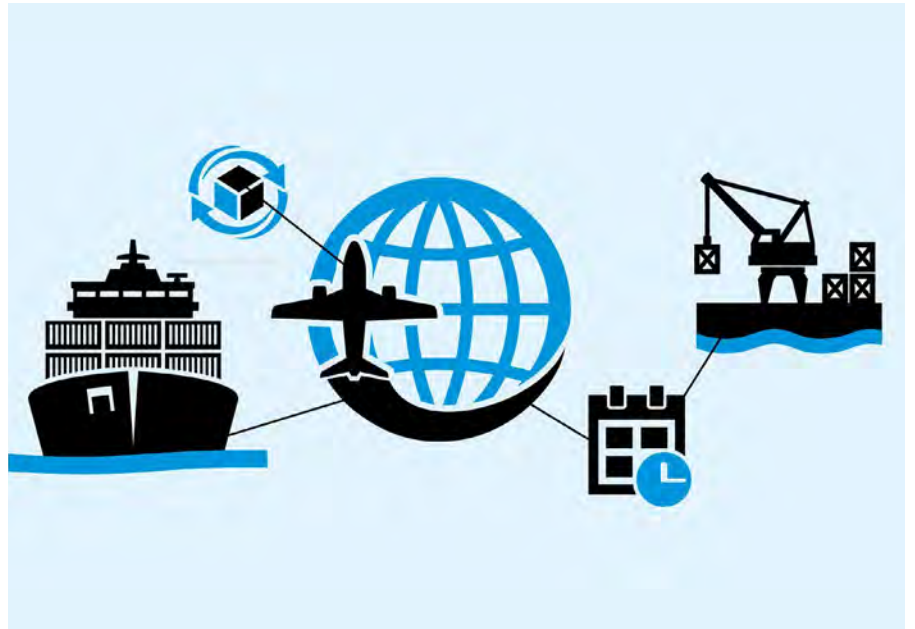
### Global Supply Chain

Parts of the supply chain include producers, vendors, warehouses, transportation companies, distribution centres (DC) or fulfillment centres (FC), and retailers.

The functions of the supply chain include product development, marketing operations, product storage, distribution, finance, and customer service.

#### The 7 elements of a typical supply chain are:

1. Demand
2. Raw Materials
3. Supplier
4. Manufacturing
5. Distribution
6. Retail
7. Customer



You decide to buy a dining table and chairs. Number the icons in the right order to make a supply chain from the raw product to your purchase.


# Activity 3

## The Supply Chain Concept



### So where do supply chain and logistics workers work?

Supply Chain and Logistics workers work in:

- Warehousing & Distribution
- Procurement & Purchasing
- Planning & Scheduling
- IT & Data Analytics
- Air Transport
- Rail Transport
- Road Transport
- Maritime & Stevedoring
- Customs & Forwarding
- Manufacturing
- e commerce
- Retail

### FAST FACTS

**An average salary of a person working in a supply chain role in Australia is \$100,000 per year or \$51.28 per hour.**

**Entry level roles start at \$80,000 per year.**



Click orange icon and then click on one of the occupations in this industry.

<b>Summary of occupation</b>		
<b>List 5 tasks</b>	<b>1</b>	
	<b>2</b>	
	<b>3</b>	
	<b>4</b>	
	<b>5</b>	
<b>Average Weekly income</b>		
<b>Employment pathway ie. Certificate .....</b>		

# Activity 4

## Personality Quiz



**Are you suited to a career in the Supply Chain and Logistics Industry?**

**Take a career quiz >>**



# Activity 4

## Personality Quiz *continued*



**Find out more about yourself to decide if a career in Supply Chain and Logistics is for you.**

### **Where to begin in Supply Chain and Logistics**

An interactive Bullseye that features careers in Supply Chain and Logistics:

<https://myfuture.edu.au/bullseyes/details/4--business-studies>

You will also find jobs that relate to Supply Chain and Logistics careers in the following bullseyes:

- Computing
- Economics
- Languages
- Maths



# Activity 5

## Careers and jobs in the Supply chain and logistics industries



Traditionally, a male dominated industry, the supply chain and logistics sector are a people's business. Building relationships and working with people is its' main game. It never sleeps and runs 24/7 for 365 days of the year. Shipments are moving, data is being produced and exchanged every hour of the day. Females and young people have the skills to work in this sector and there is no better time to get into it. It is a job with a future and is classified as an essential service so will always be needed.

Careers and jobs in Supply chain and logistics are diverse and cross over into many different industries.

Many jobs begin at entry level where no qualifications are needed. Most industries offer on the job training as it will be specific to the area that you are employed in, and chances for career progression offered with the more skills you acquire.

### Women Working in the Supply Chain and Logistics Industry

The supply chain industry continues to transform and change with the introduction of new technologies and new ways of doing business, which means new skills are needed.

Meet two women, Renee & Liza, who work at Boardriders Geelong DC. Watch the videos.  
(click the icons)

1. The women in these videos like working in the Supply Chain and the Logistics industry for these reasons ✓ or x if these reasons would be important to you in a workplace.

Reasons they enjoy working in this sector	✓	x
Supportive and uplifting environment to work in		
Lots of variety in the work		
Flexible working hours		
Hands on work		
Work in a team		
Work with many different people		
Many opportunities for career progression in many different areas		
Hard physical work		

# Activity 6

## Meet the people who work in the industry



### Warehousing

Warehousing is the act of storing goods that will be sold or distributed later.

It can be a small home-based business that stores goods in the garage to a large Distribution DC or Fulfillment Centre FC that is specifically built to store various products.

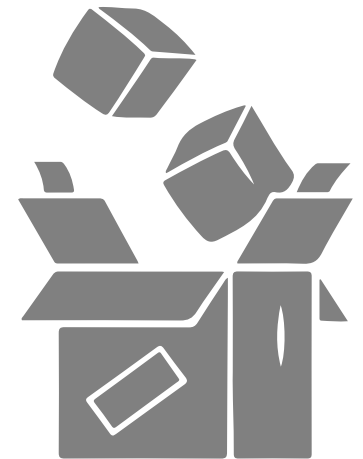
A warehouse is the actual storage facility, but it becomes a DC or FC when it stores products and then fulfills orders to be delivered to businesses, shops and/or direct to customer.

By storing products in a central location, a business can reduce transportation costs, speed up delivery times and securely store goods reducing theft and damage.

Warehousing involves the receiving, storage, picking and packing and shipment or delivery of products.

Many people work in a diverse range of roles within a warehouse.

What is it like to be a picker packer? Watch the following video to find out. (click the blue icon)



1. A picker and packer is also known as a F  O

2. Why is there a lot of work for picker and packers right now?

3. When you order online your order goes to a warehouse. The picker packer receives the order what are the 3 tasks does he/she/they do next?

Task 1	
Task 2	
Task 3	

4. Why would you need to be reasonably fit to do this type of job?

# Activity 6

## Meet the people who work in the industry *continued*



### Meet these Picker & Packers

Meet Naomi - a Picker and Packer.

Watch the video.

Meet Josh - a picker and packer at Coca Cola Europacific Partners.

Watch the video.

Picker and packers (storepersons) usually work in retail, logistics, wholesale or manufacturing warehouses and distribution centres.

'Pick' refers to choosing and picking up the items on the order form or 'picking slip'. 'Pack' refers to packing the order and getting it ready for transportation.

This is an entry level job and where you might start your career in the supply chain industry. No formal qualifications are needed for this role and on-the-job training is usually provided.

These are the day-to-day tasks and duties of a Picker and Packer also called a storeperson.

Tick if you think you would enjoy doing the following:

Daily tasks and duties of a Picker and Packer	Yes	No
Use scanner to locate and pick orders from shelves		
Pack orders for safe delivery		
Organise and separate picked orders to minimise damage		
Seal and label packed orders		
Move orders to shipping or delivery area		
Monitor quality of products packed if not good report to supervisor		
Safely operate mechanical equipment like jacks and forklifts		
Maintain records of picked and packed goods		
Pack incoming stock away in warehouse		
Taking inventory – counting numbers of product and reconcile with company records		
Follow work safe practices – learn lifting techniques and know load limits		
Keep a clean work area important for safety		
Keep work environment secure keys replaced in right place and locking up done correctly		

# Activity 6

Meet the people who work in the industry *continued*



## Do you have the attributes to be a Picker/Packer?

Attributes	Yes	No
Like walking a lot have a reasonable physical fitness		
Can stand for long periods of time		
Can work in a fast-paced environment		
Like to achieve daily goals		
Have a strong work ethic		
Are reliable and punctual		
Can work independently to achieve team goals		
Willing to learn skills required of the job		
Willing to work shifts		

## FAST FACTS

Often people start their warehousing career as a Picker and Packer on an average salary of \$58k and progress to being a Warehouse Operator \$60K, Warehouse Supervisor \$78K to a Warehouse Manager \$85K.



Each role building on the skills you started with as a Picker and Packer and coming with more responsibilities.

# Activity 6

Meet the people who work in the industry *continued*



## Do you have the attributes to be a Picker/Packer?

Meet Mel who works at Cotton On DC at Avalon.

1. Did Mel have any experience in warehousing before she started at Cotton On?

2. Mel started as a packer how has she progressed since then?

3. During her time at Cotton On she has been given the opportunity to grow and learn. What certificates has she been able to get while working at the DC?

Click on the following website to view what a Warehouse Supervisor does. (click the green icon)

4. What other skills must a Warehouse Supervisor need to do this role?



# Activity 7

## Planning and Scheduling Careers

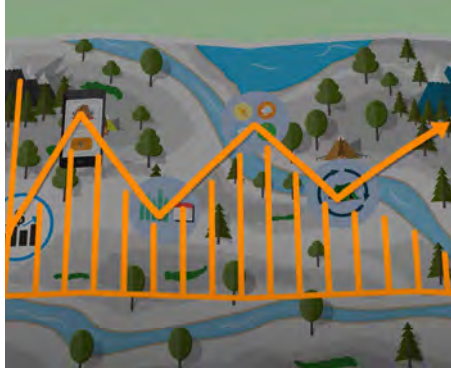


### Goods come in goods go out but how do we know how much or when?

Before a product reaches the warehouse, it must be sourced, purchased and transported.

How does a company know how much they will need?

Watch the following video on Demand Planning. (click the orange icon)



1. If you have low or no stock in your warehouse who will be unhappy?

2. If you have too much stock in your warehouse who will be unhappy?

### What does a Purchasing and Supply Logistics Clerk do?

Click on the pink icon.

1. Complete the table below.

Job Description	
5 Day to Day tasks	
Skills employers are looking for	
Qualification Needed	
Average \$ Salary	

# Activity 7

## Planning and Scheduling Careers



### Supply Planner

Which of the following skills would you need to do this job?

Attributes	Yes	No
Good organisational skills		
Good time management skills		
Be good at problem solving		
Be flexible and agile if something goes wrong		
Be able to play a musical instrument		
Good analytical skills – can create forecast reports and analyse supply levels		
Good negotiation skills		
Great communication skills both written and verbal		
Reasonable Mathematical skills		
Can dance at a staff function		
Be computer literate and willing to learn new technologies		
Be able to work in and with a team		



# Activity 8

## Logistics and Freight Forwarding



### Freight Forwarding

Sometimes a company has their own in-house logistics that cover inbound logistics (receiving and storing supplies), outbound logistics (selecting, packing and shipping products to customers), reverse logistics (goods returned by customer and redistributed back to other customers or suppliers) or they outsource all of the above to a third party or 3PL (third party logistics)

A freight forwarding company coordinates the transport of shipments from one location to another using one or more carriers or shipping methods (ship, rail, air, road) so they are primarily concerned with the transportation of goods, commodities, and cargos.

Freight forwarders work both for the domestic and international forwarding of goods.

Freight forwarders take care of all the essential paperwork including customs documents, bill of landing, letter of invoice, import/export declarations and insurance forms.

Meet some of the people who have made a career in International Freight Forwarding in Melbourne.. (click the pink icon)

1. List some of the reasons why Chloe, Aphrodite, Joshua, Johnathon, and Jayton have chosen to work in international freight forwarding

They mention that there is a huge field of different careers in Freight Forwarding from customs broking, export/import operations to customer service and sales.



### Logistics

*[lɒ-ˈdʒɪ-stɪks]*

The overall process of managing how resources are acquired, stored, and transported to a final destination.

# Activity 8

## Logistics and Freight Forwarding



### Import Ocean Operator

Click on the Video to see what Aphrodite an Import Ocean Operator does.

1. Aphrodite never pictured herself working in a role like this. What are her main tasks?

2. Would teamwork and communication be important skills in this role?

Where is Aphrodite now? Click on the video.

She is now working as a Customer Service Specialist.

3. Why does she think she is suited to this type of work?

4. She now supports customers and clients. What employability skill does she mention she now has to use?

# Activity 8

## Logistics and Freight Forwarding



### Main Job Roles in Freight Forwarding & Logistics

Main job roles are in Import and Export Operations, Customs Brokerage, Cartage, Warehousing and Customer Service and Sales.

Click onto the website **Make my Move**. (click the blue icon)

5. Click on each of the 6 roles outlined and choose one that you think you would be most interested in and fill out the table below.

	Job title and description	Tasks
1		
2		
3		
4		
5		
6		

# Activity 9

## Transportation and Distribution



### From Ship to Shop

Transportation is the physical process of transporting and distributing, commodities, goods, merchandise, and cargo.

Freight is the goods that are transported from one place to another by ship, aircraft, rail, or trucks/vans.

Ports are the international gateways for imports and exports.

The Port of Melbourne is Australasia largest maritime (shipping) hub for containerised, automotive, and general cargo. All container ships go to Port of Melbourne.

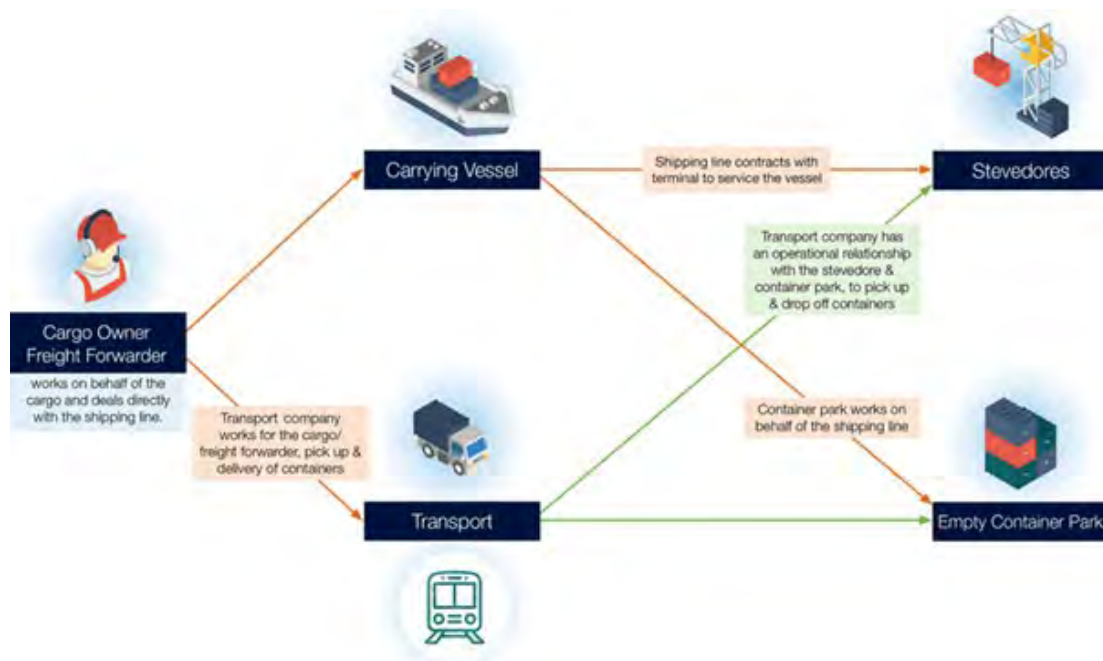
Geelong Port is Victorias premier bulk port, handling products like grains, woodchips, crude oil, goods that can be carried in bulk, break-bulk and tanker ships.

Geelong Ports' strategic position allows for easy access to critical road, rail, air and channel connections and Southwest Victoria supply chains.

**From Ship to Shop:** Click on the link and move through the interactive tour of the Port of Melbourne and take the quiz. (click the green icon)

Below is an image of the Port of Melbourne supply chain.

Movement of goods through any port involves a variety of companies and services providers such as, stevedores, freight forwarders, transport companies, empty container parks, and shipping lines, each charging a fee for their services.



# Activity 10

## Meet the people who work in and around Ports



### The Maritime Industry

The Maritime Industry are careers and jobs relate to working on a ship at sea on international voyages, ships that engage in coastal voyages and ships that work within ports and harbours” This includes working at sea and on land.

The Maritime Industry Sectors are:

- Merchant Navy (Commercial Shipping)
- Ferries and harbour charter boats
- Fishing boats (commercial)
- Workboats (tugboats)
- Superyachts
- Offshore Oil and Supply boats

There are not only seagoing positions such as Captains, Chief Engineers, and other officers but there are a range of opportunities on board for tradespeople like, marine engineer, electronic and technology officers, as well as boat building and vessel maintenance personnel.

Land based opportunities are in logistics and accounting professionals, operations managers, stevedores, facility operators.

The essential skills that are needed to work in this industry are:

- Strong work ethic
- Strong listening and communication skills
- Good judgement and decision-making capabilities.
- Strong depth of perception
- Strong teamworker

A good depth of perception means you can judge the distance between two objects.

#### How do you know if you have a good depth of perception?

1. Gaze at a picture of a circle or ball
2. Then hold up a finger about 15 cms away from your eyes with the circle in the background.
3. Focus both your eyes on your finger.
4. Now switch your focus and gaze beyond to the circle
5. You should see images of your finger on either side of the circle.

1. Why would depth of perception be an important skill if you were working on a boat or ship?



# Activity 10

## Meet the people who work in and around Ports



### Tugboat Master

Meet Kirsteen Roberts a Tugboat Master. (click the orange icon)

1. What workers are involved in the launch of Kirsteen's tug from the wharf?

2. What keeps Kirsteen's job interesting?

3. What do you always need to be aware of as a boat handler?

4. How can you become a Tugmaster?

Tafe Gippsland and Lakes Entrance offer several maritime courses that will equip you with the qualifications and skills needed to command a range of vessels.

Click on the following link to see what they offer.

Click on the video to find out what is involved in the Maritime training. (click the green icon)

# Activity 10

## Meet the people who work in and around Ports



### Stevedore

A stevedore is a manual labour worker who is employed to load and unload ships in a Port. Depending on the type of ship that arrives will determine what the stevedore is employed to do. Usually, you start as a casual worker until you show that you have the right attitude and qualities that the company is looking for.

At Geelong you may start as a forklift driver, progress to a crane operator and then a foreman or supervisor in charge of the labour teams.

Grease will explain how you may start as a stevedore at a container port. (click the pink icon)

1. What is the main role of a stevedore?

2. Do you need any qualifications to start as a stevedore?

3. The first job you will learn is lashing. What is the second job you might learn?

4. How many weeks training do you get and why would you need to like heights?

# Activity 10

## Meet the people who work in and around Ports



### Remote Control Operator

Stevedores work in a high-risk environment and working in a team safely is essential.

Main Companies that operate around our Victorian Ports are DP World, Patrick Stevedores and Qube Logistics.

Stevedoring moving into the future: DP World are using safer technologies to load and unload ships.

Meet Amna a Remote Control Operator Supervisor at DP World  
(click the green icon)

1. When you start this job what do you train on?

2. After how many weeks training are you ready to do this job?

3. Instead of climbing a 50 metre ladder to operate the crane what does Amna use?

Remote controls let you move the cranes from a safe distance and security to work close to the containers with less risk.



# Activity 10

## Meet the people who work in and around Ports



### Straddle driver

Meet Joanne a Straddle driver in Auckland. (click the blue icon)



You are given 4-6 weeks on the job training to be a straddle driver and if you pass the test drive you can operate one alone.

1. Tick the skills you would need to do this job.

Skills & Attributes	Yes	No
Good eye hand coordination		
Patience		
Attention to detail		
Fear of heights		
Good work ethic: Reliable and punctual		
Team worker		
Work through breaks		

2. There are opportunities for growth in this area, what are the other jobs mentioned in this video?

# Activity 10

## Meet the people who work in and around Ports



### Marine Traffic Controller or Vessel Traffic Service Operator VTSO

Marine Traffic Controllers MTC or Vessel Traffic Service Operators VTSO are the link between the ship and shore. All ships entering or leaving a Port must pre-book their space to use the channel with a MTC or VTSO. In addition to this the VTSO and MTCs are responsible for the scheduling, communication and visual surveillance relating to the ships movements and port activities and liaises between the Port Authority, vessels, agents and other port stakeholders during the daily coordination of shipping related activities.

Watch the video of a Marine Controller who works at Geelong Port.  
(click the green icon)

1. List the people and services that the Marine Controller must liaise with.

2. Geelong is a one-way channel what other details does the Marine Controller need to know about?

3. The marine controllers operate 24/7, how many shifts are involved and how long do they go for?

Vessel Traffic Service Officers do a similar job to a Marine Controller but does not have to have complete a Master 3 qualification.

VTSOs are responsible for all scheduling, communication and visual surveillance relating to ship movements and port activities whilst acting as a liaison between the Port Authority, vessels, agents and other port stakeholders during the daily coordination of shipping related activities. Click the link to explore vessel traffic service jobs.

**Vessel Traffic  
Services jobs**

4. Complete the following statement: VTSOs are responsible for all scheduling, communication and...

# Activity 10

## Meet the people who work in and around Ports



### Deck Officer

Meet Katie Marshall a Deck Officer Cadet on an Offshore Supply Ship in Bass Strait. (click the pink icon)

1. Katie mentions that everyday is different. List some of the tasks she does.

2. Finish this sentence. One day Katie wants to be a...

3. What does she say is the rewarding part of her job?

4. What 2 subjects does she think you should do in Year 11 & 12 and what other subjects may be helpful in the career?

5. Katie says, ' The one thing I wished I knew before I joined this industry is ...



# Activity 11

## Road Transport



### Truck Driver

Trucks and road trains move freight all around Australia. They move imported goods from the ports to their destinations, to a port to be exported or between facilities locally, statewide and interstate.

**It is estimated that 30,000 truck drivers will be needed over the next 5 years.**

Currently the average age of a truck driver is 47 and only 3% of truck drivers are women and there is a critical shortage of truck drivers right now.

Watch the Video of a New Generation of Female Truck Drivers. (click the orange icon)



To get a job as a truck driver you need to have a full licence and a heavy vehicle licence.

Meet Callum a Linfox truck driver. (click the yellow icon)

1. Callum arrives at work at 3.00am. What time does he get on the road?

2. He says you need to have your  about you and  is important.

3. How should you drive if it is raining and windy?

4. What should you do if feeling fatigued?

# Activity 11

## Road Transport



### Delivery and Courier Drivers

Truck driving may be what you eventually want to do as a driver, but you may like to start as a delivery or courier driver first.

Delivery and Courier Drivers drive all sorts of vehicles like, cars, vans, trucks, and motorcycles to collect goods and transport them to their destination. This can be to a business or to a home. Most of the day is spent driving and loading and unloading goods.

**With the increase in e-commerce (buying online direct to your home) job growth has increased and is expected to increase by 15.1% in the next five years.**

Meet Josiah a Delivery Driver.  
(click the green icon)



1. List the most important skills Josiah says are needed to work as a Delivery Driver.

2. What are some of the challenges in this type of work?

Delivery driving is an entry level job. No qualification needed apart from a full driver's licence that you will have after you are finished on your P's. However, you can be a delivery pizza or food delivery driver on your P's.

# Activity 12

## Rail Transport



### Rail Transport

Freight and people are transported by heavy rail (trains) and light rail (trams).

Victoria has a Rail Academy in Newport. It is a training facility that provides a skills program called Training for the Future rail industry to get new talent for Victoria.

There are also opportunities to start your career in rail while still at school by completing a VET Certificate II in Heavy and Light Rail Fundamentals which will set you up for a career in the rail industry.

Click on the link for more information.

*\*For Teachers: The rail academy delivers a school engagement program for years 7-10 to raise the awareness about career opportunities in rail, light rail and construction industries. Click here for more information. <https://railacademy.vic.gov.au/careers-in-rail/mtia-rail-careers-school-engagement>  
<https://railacademy.vic.gov.au/careers-in-rail/careers-adviser-information>*

Watch the video Discovering careers in Rail.(click the pink icon)

1. How many different careers are in the rail industry?

2. Click on the link below to see career profiles. Choose one you are interested in and fill out the following table.

<https://railacademy.vic.gov.au/careers-in-rail/roles-career-pathways>

What is the job title?	
What is the job description?	
Who does this job suit?	
About You (What sort of skills will you need to do this job?)	
Where and when is the work?	
What is the pay?	
What career pathways or opportunities are there?	

# Activity 13

## All things supply chain in the one Company



### Australia Post

Australia Post offers opportunities to work in many areas of the supply chain all within the one company.

Find your place – On the Road, In the warehouses, In Digital Technology, In Customer Services and in Business Support Services.

In **Business Support** you could be a:

- Marketing and Promotions Officer
- People & Culture consultant
- Community, Sustainability and stakeholder engagement Officer
- Strategic and Simplification Officer
- Financial analyst
- Accountant

In the **warehouses** you could be a:

- Freight Handler
- Forklift Driver
- Workshop Mechanic
- Administration Clerk

On the **road** you could be a:

- Motorcycle Delivery Driver
- Electric Push Bike Delivery Driver
- Electric Vehicle Delivery Driver
- Walking Delivery Driver
- Van Driver
- Truck Driver

In **Customer Service** you could be a:

- Retail Customer Service Officer
- Retail Mail sorter
- Customer service operator
- In bound Sales Consultant

In **Digital Tech** you could be a:

- Cyber security Operation
- Cyber security Architect
- Sales force developer
- Java developer
- Data engineer
- Cloud platform engineer

Meet Raealla a Postal Delivery Officer. (click the blue icon)

Early starts early finishes, inside work with a team outside work cruising around on your own is what Raealla loves about her job.

1. When she first comes into work what does she do for the first 3 hours?

2. What safety checks does she need to do before she loads her bike?

\*Source: Australia Post [Explore Diverse Career Options with Us | Australia Post \(auspost.com.au\)](https://auspost.com.au)

# Activity 13

## All things supply chain in the one Company



### Product Experience Manager

Met Bec who works as a Product Experience Manager in Digital Tech. (click the green icon)

Bec sees her role as being the interface of her Tech Team and the Australia Post business.

At the core of the business is community need so what is designed by the tech team, like a tracking app when you purchase online, must be user friendly and give you the customer a good efficient experience.

Bec communicates with a range of people:

- Solution Architects
- User Experience UX Designers
- Software Developers.

1. Do a search and find out what each of these do and what qualification you might need to become one.

To find out about more of the careers within each section of Australia Post go back to the website and click onto read more. There are more videos to watch in each choose what you are interested in.



\*Source: Australia Post [Explore Diverse Career Options with Us | Australia Post \(auspost.com.au\)](https://auspost.com.au)

# Activity 14

## Supply Chain Careers of the Future



### Top 5 Supply Chain Trends

The supply chain is changing fast, due to the availability of new technologies but also because of the impact of climate change and the recent disruptive events like the pandemic.

Watch the video Top 5 Supply Chain Trends. (click the orange icon)

#### IoT: What is it?

'Internet of things'. A network of interrelated devices that connect and exchange data with other IoT devices and the cloud (iphone to iwatch) It is the real time collection and exchange of data.

Digital technologies are transforming how supply chains operate. Future jobs will still require people to work with these new technologies.

**So, what does that mean for you?** You will need to understand the technologies used in the different careers in the supply chain and logistics sector.

Watch the video. (click the pink icon)

Cloud computing is an integral part of holding data for many organisations in Australia and across the globe. The cloud platform allows users to store data in the 'cloud' so that it can be accessed from a server that can use that data.

Some popular Information Technology career pathways that require cloud computing skills include:

- Data scientist
- Cloud architect
- Software engineer
- Computer scientist
- Software developer.

**In 2019 cloud computing was named number 1 most in demand hard skill.**

Want to get into this space ? Click the Gordon website link for other ICT courses at the Gordon.

**Try an Online Course** <https://www.tafecourses.com.au/course-listing/certificate-in-iii-information-technology-focus-on-basic-cloud-computing-upskilled/?qid=df286da4147b9285072ce5cac82e2b7b&pos=1>

**Or want to go further why not choose Deakin University** <https://www.deakin.edu.au/study/find-a-course/information-technology>

# Activity 14

## Supply Chain Careers of the Future



### Robots

Robots have transformed warehouses and Amazon has begun construction on its second robotics fulfilment centre in Craigieburn, North Melbourne.

**Once built, expected completion 2025, it will be the largest warehouse ever built in Australia with a size equal to 11 MCGs over 4 floors!**

**When operational it is expected to support 2,000 jobs ranging from highly skilled roles in IT, HR and engineering, to entry level jobs with on-the-job training.**

Take a look at the first robotic fulfilment Centre built in Western Sydney in 2022. (click the yellow icon)

1. Even though robots do the bulk of the work how many people touch one order before it leaves the warehouse?

--

There are technician and maintenance roles that are needed to keep robots and technology working. “Robots are tools for humans not a replacement for humans. Humans are essential for the functions of robots.” ~ Elizabeth RME, Amazon

Click on the blue icon to see what RMEs do.

2. To work for Amazon as a RME list the 7 skills and attributes that they will be looking for.

1	
2	
3	
4	
5	
6	
7	

Click on green icon to meet Sky, an RME in Australia

# Activity 14

## Supply Chain Careers of the Future



### Robots

In 2020 Amazon launched a **Mechatronics and Robotics Apprenticeship** Program to re-train people in high demand fields like robotics and software engineering. It is expected that this program will be offered in the new FC in Craigieburn. It is a free course and those that have learned new skills have seen their pay increase by up to 40%.

Meet some of the people doing the program. (click the pink icon)



### Skills of the future

<https://www.seek.com.au/career-advice/article/skills-of-the-future>

### FAST FACTS

- Globally, Amazon has more than 750,000 mobile robots over 300 facilities.
- Amazon has created 700 new categories of jobs since introducing robots in its Fulfilment Centres

**Other large companies like Coles and Woolworths are building Automated Distribution Centres to improve efficiency and for better outcomes for consumers.**

# Activity 15

## Supply Chain and Logistics Sector



### Why choose a career in the supply chain and logistics Sector

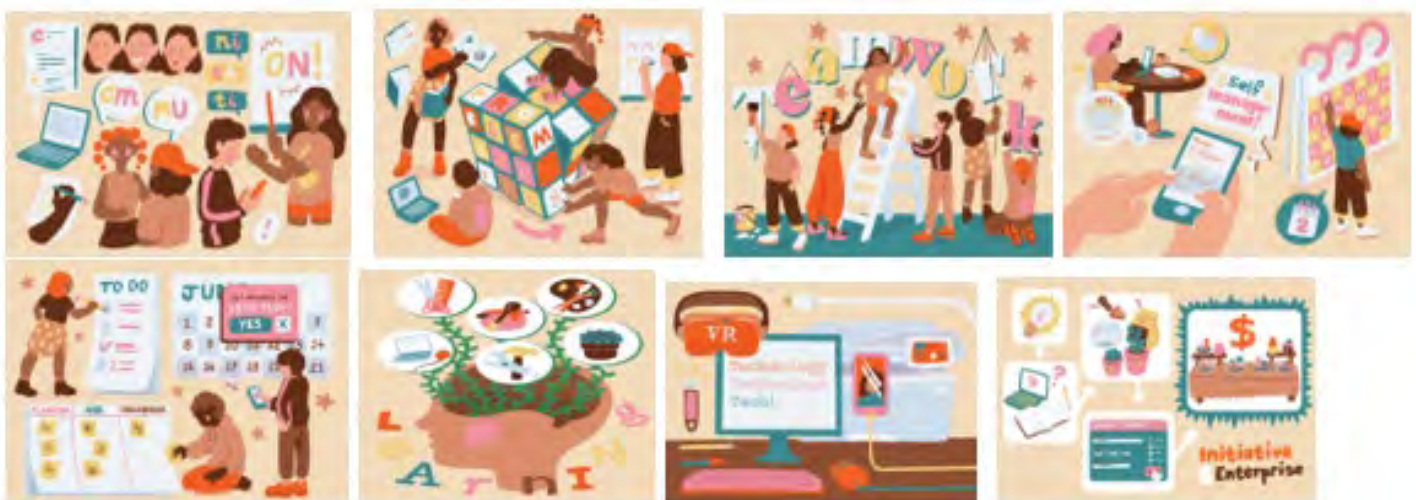
The supply chain and logistics sector is considered an essential service so even though technologies may replace some of the human workforce there will always be jobs for people.

Supply chain and logistic opportunities exist in all kinds of corporations, communities, and locations. Whether it is a hospital, supermarket, distribution centre, mine site, transport company, there are so many aspects of supply chains ... which means lots of choice.

### BUT what skills are employers looking for?

- ✓ Good Communication skills
- ✓ Able to problem solve when met with challenges
- ✓ Ability to work in a team
- ✓ Good planning and organizational skills
- ✓ Digital competency
- ✓ Self-management skills
- ✓ Show initiative and enterprising skills
- ✓ Understand Finances and how it relates to the business.

Employability skills are the essential skills, personal qualities and values that will help you thrive in any workplace. They are transferable across every job you do.



# Activity 15

## Supply Chain and Logistics Sector











### Where are you with your employability skills?

Using the legend 1-10 below, click where you think you are right now with each of these skills.

### Legend

Needs work ————— Average ————— Very strong

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

My Employability Skills	1	2	3	4	5	6	7	8	9	10
<b>Learning</b> 										
<b>Technology</b> 										
<b>Communications</b> 										
<b>Teamwork</b> 										
<b>Problem Solving</b> 										
<b>Initiative &amp; Enterprise</b> 										
<b>Planning &amp; Organisation</b> 										
<b>Self Management</b> 										

# Activity 16

## Where to from here?



### Pathways

Many schools in the Geelong Region as well as the Gordon Tafe offer VET education in school courses.

By doing a VET course you can get real hands-on experience in a chosen industry, gain a national qualification, create a pathway to work or further study and gain credits towards your VCE.

Not all roles within the supply chain and logistics sector require formal qualifications and many of the skills you need will be learned on the job, but if you were to do a VET in Emerging Technologies, Information Technology, Engineering and or Electrotechnology you would be one step ahead of someone else applying for a job in this sector.

Click on the link to see what the Gordon has to offer. (click the orange icon)



### Why chose VET?

Click on the link for further information on VET in schools.



Meet Mel and Steph who work at our Cotton On DC and hear about their career paths.

Meet Kira and Denise who have made a career at Timbertruss.

# Activity 16

## Where to from here? *continued*



### Courses that will lead you into a role in Supply Chain and Logistics

- [The Gordon - all courses](#)
- [Start work as a trainee - My Freight Career](#)
- [MultiSkills Training - Construction Courses & Qualifications in Melbourne and Geelong](#)
- Certificate III in Supply Chain Operations <https://training.gov.au/Training/Details/TLI30321>
- [Certificate III in Supply Chain Operations TLI30321](#) - Courses.com.au
- Certificate III in International Freight Forwarding <https://futureforce.com.au/logistics-courses/>

**Many courses like Certificate III in Customer Engagement or Warehousing are offered to you once you are in the workplace.**

- [Graduate Certificate in Supply Chain management \(RMIT\)](#)
- [Graduate Certificate in Supply Chain management \(Victoria University\)](#)
- [Online Master of Supply Chain and Logistics management \(RMIT\)](#)
- [Deakin supply-chain-management](#)
- [Master of Business Administration \(Supply chain specialism\) \(Deakin University\)](#)
- [Open Universities Australia Supply chain and logistics courses \(online\)](#)
- [Mechatronics engineering \(Bachelor of Engineering - Industry Honours\) | Deakin](#)

# Activity 16

Where to from here? *continued*



## Finding jobs in the supply chain and logistics sector

How do I find out about jobs in the supply chain and logistics in my local area?

Go to [Geelong careers](#) and click on Manufacturing and Engineering to find Supply Chain and Logistic Jobs



### For jobs at Cotton On go to Cotton On Careers

<https://cottonongroup.com.au/join-our-team/>

### For jobs at Timber truss Geelong

<https://www.seek.com.au/timbertruss-geelong-pty-ltd-jobs>

## Supply Chain Talent Project

GRLLLEN in partnership with Deakin University has developed a series of resources to raise awareness of the supply chain and logistics sector to encourage school leavers, job seekers and career changers to consider a career in this exciting sector.

The Program is supported by funding from the Australian Government through the local jobs program.

Click on this link to find out more. <https://grllen.com.au/project/supply-chain-talent-pipeline-project/>

This online interactive course has been designed for secondary students. Click on the link to access the course.

[SCTP Schools Program](#)

# 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 Supply Chain & Logistics



## 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.



[www.grllen.com.au](http://www.grllen.com.au)