



Transportation, Distribution & Logistics

People in the Transportation, Distribution & Logistics cluster transport goods, materials and people. Usually they are good at solving problems. They may work on highways, trucks, trains, boats or planes.

Transportation, Distribution & Logistics

Heavy & Tractor-Trailer Truck Drivers ■ Automotive Service Technicians & Mechanics
Bus & Truck Mechanics & Diesel Engine Specialists ■ Taxi Drivers & Chauffeurs
Automotive Body & Related Repairers ■ Dispatchers (Work)

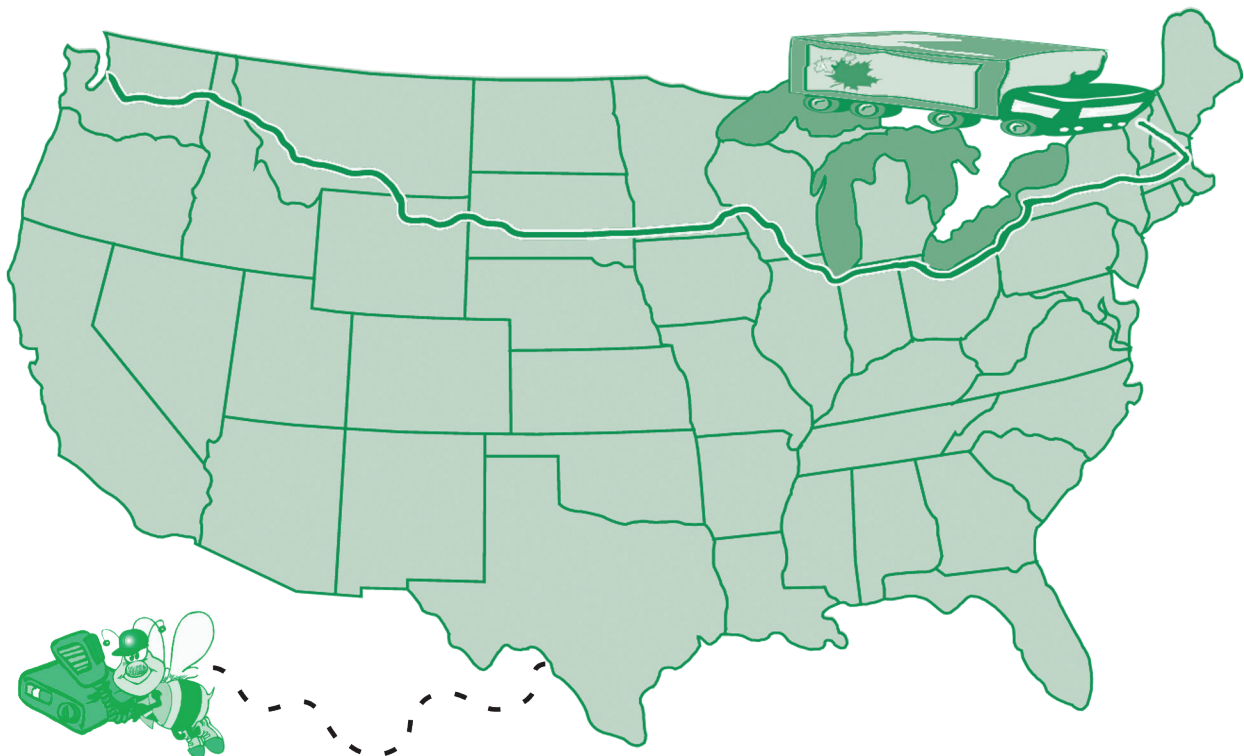


Heavy & Tractor-Trailer Truck Drivers

Heavy and tractor-trailer truck drivers haul goods like grain, livestock, food and cars. They can carry many tons of materials at a time. Some haul goods over long distances. Sometimes the drive is so long there are two drivers. They take turns driving. Drivers can be away from home for weeks at a time.

Chuck hauls maple syrup across the country. Circle the states on his route in the list below.

- | | | | |
|--------------|--------------|-------------|----------|
| Utah | Nebraska | Maine | New York |
| South Dakota | North Dakota | Connecticut | |
| Minnesota | Indiana | Colorado | |



Bonus Activity: Name all the states Chuck will go through on his trip.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

School Rules: (How much education do you need?)

Occupation	Less than High School	High School	Some Beyond High School	Associate Degree	Bachelor's Degree
Heavy & Tractor-Trailer Truck Drivers			✓		
Automotive Service Technicians & Mechanics			✓		
Bus & Truck Mechanics & Diesel Engine Specialists			✓		
Taxi Drivers & Chauffeurs	✓				
Automotive Body & Related Repairers			✓		
Dispatchers (Work)		✓			

Automotive Service Technicians & Mechanics

Automotive service technicians and mechanics inspect and fix cars and trucks. They listen to customers describe problems. They then try to figure out what is wrong and fix it. They may have to drive the vehicle or use testing tools and computers to figure out what is wrong. They also do checkups and oil changes. They check things like tires, hoses, belts, spark plugs and brakes. They use a checklist to make sure they look at everything.



Find the words from the checklist in the word search.



Inspection CHECKLIST

- | | | | | |
|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------------|--|
| <input type="checkbox"/> air filter | <input type="checkbox"/> engine | <input type="checkbox"/> horn | <input type="checkbox"/> odometer | <input type="checkbox"/> windshield wipers |
| <input type="checkbox"/> belts | <input type="checkbox"/> gearbox | <input type="checkbox"/> hoses | <input type="checkbox"/> shocks | |
| <input type="checkbox"/> brakes | <input type="checkbox"/> headlights | <input type="checkbox"/> mirrors | <input type="checkbox"/> turn signals | |

T F X E N G I N E A H S B P W G
 C U R O H S O V I S E R E G K J
 S D R O B D N R C K A O L C C N
 P H S N F R F E A C D R T M W K
 C E O T S I A R N M L R S E B H
 S Y K C L I B E R A I I O L C F
 T T O T K O G O G D G M K N Q K
 Q G E O L S A N R P H O H A F Y
 P R H M I A E F A W T L K Y P W
 R E T E M O D O O L S I I J F A
 R M O N R O M E N W S A P J I X
 W I N D S H I E L D W I P E R S
 H R U R Q Q Z F Y C Q J M U W U
 B U W A U T O V K H O R N I F C

Bus & Truck Mechanics & Diesel Engine Specialists

Bus and truck mechanics and diesel engine specialists work on large vehicles, like buses and heavy trucks. They inspect, test and fix these vehicles. They make sure brakes and other parts work. They also change oil, check batteries, tires and other equipment. Many of these vehicles have diesel engines. They know how to take care of diesel engines.



Unscramble the words below.

t	a	t	b	e	y	r

p	r	b	m	u	e

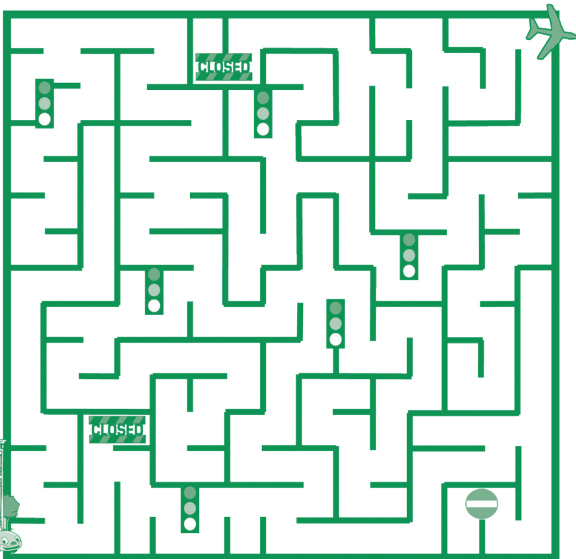
s	t	r	i	e

i	g	t	h	s	l

e	i	n	g	e	n

BONUS WORD

Put letters from green boxes in top row of BONUS WORD box. Then unscramble the bonus word.



Taxi Drivers & Chauffeurs

Taxi drivers and chauffeurs take people from one place to another by vehicle. They keep track of how much the ride costs and charge the riders. Chauffeurs usually drive limousines, but can also drive vans or other cars. Trips are set up ahead of time.



Guide the taxi driver from the hotel to the airport.

Automotive Body & Related Repairers

Automotive body and related repairers fix vehicle bodies. They remove dents, straighten frames and replace parts that cannot be fixed. Some fix car windows. They also paint cars. Repairers need to be able to figure out how much repairs will cost. This is called an estimate. They give customers estimates before fixing the vehicle.



Figure out how much the repair work will be on this estimate.

Otto's		ESTIMATE	
autobody			
Fender	\$	206.57	
Bumper	\$	151.54	
Paint	\$	65.85	
Clear coat	\$	59.00	
Labor	\$	221.84	
Tax	\$	42.29	
TOTAL:	\$		

Dispatchers

Dispatchers (Work) – Dispatchers schedule and dispatch workers, equipment or service vehicles to get materials or passengers moved from one place to another as needed. Some work dispatchers are responsible for making sure service or emergency repairs are completed for customers reporting issues. They may use radios, phones and computers to receive information about customers’ needs, then assign workers to fix the problem reported. These work dispatchers also keep records of problems reported and the progress of work to fix the issues.



Imagine you are a work dispatcher for a company that provides roadside help to stranded motorists. You get a call from a customer who is stranded on a highway and needs help. What information do you need to collect from the customer before you can send help?

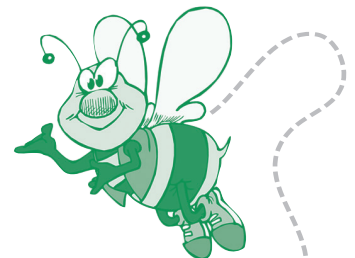
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

How Much Does it Pay?

More than \$ 30.00						
\$ 25.00-\$ 30.00						
\$ 20.00-\$ 25.00						
\$ 15.00-\$ 20.00						
Less than \$ 15.00						
Average Hourly Wage in South Dakota (2018)	Heavy & Tractor-Trailer Truck Drivers	Automotive Service Technicians & Mechanics	Bus and Truck Mechanics & Diesel Engine Specialists	Taxi Drivers & Chauffeurs	Automotive Body & Related Repairers	Dispatchers (Work)

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