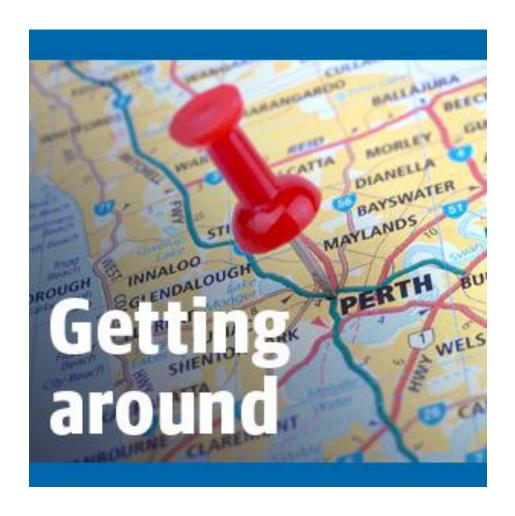
TOU media education

ANSWER GUIDE



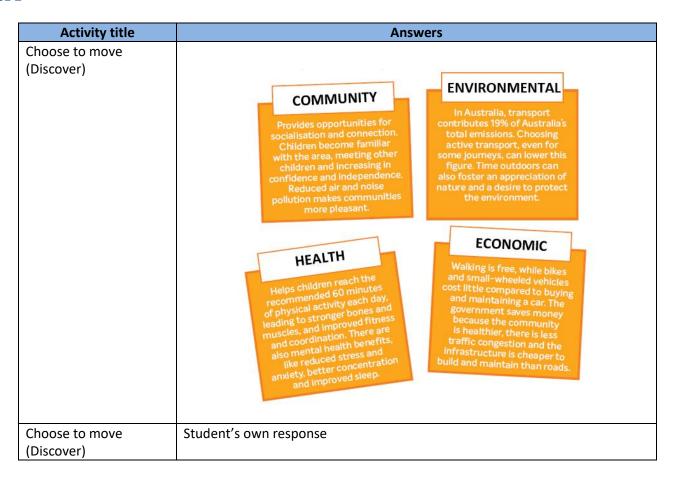
Term 4, 2021

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Part 1: Roll and stroll

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Activity title	Answers
Can I?	Can I?
	Read the following statements about walking, riding bikes and using 'small wheeled' transport like scooters and skateboards. Mark whether you think each behaviour is allowed (yes) or not (no) in WA.
	1 Can I ride my bike on the footpath?
	2 Can I ride my bike at night without lights?
	3 Can I cross the road if I can see a red pedestrian light?
	4 Can I ride my skateboard on a road with a speed limit of 60km/h?
	5 Can I ring my bike bell to alert a wheelchair user I am behind them?
	6 Can I ride an electric scooter without a helmet?
	7 Can I carry my skateboard on public transport? (space permitting)

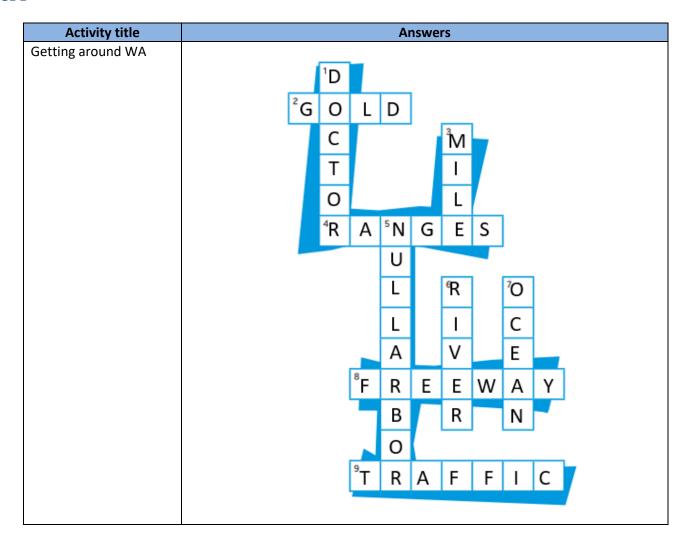


Activity title	Answers					
Encouraging active transport	Student's own response					
School solutions	 Student's own response. Possible responses include: Barrier: the weather (rain/heat) Solution: Have a box of gear ready by the door so you can easily grab it before you go. Hats, glasses and sunscreen for sunny days, raincoats and umbrellas for rainy days. Barrier: it's too far to walk Solution: You could ride, try public transport or consider parking halfway and walking the rest of the way. Barrier: no one to walk with Solution: Consider setting up a walking school bus. 					
Walking school bus	Student's own response. Possible responses include: Students: Students get more exercise, socialise and gain independence. Students become familiar with some adults who live nearby. Parents: Busy parents don't have to walk every day. Parents who volunteer to lead the bus gain leadership skills, socialise and get to know students. School: More students walking potentially means more students who are fitter and better able to concentrate. Students and parents get to know each other. Community: Reduces parking congestion around the school. Reduces greenhouse gas emissions. Happier, healthier people.					
Building change (Discover)	Which of the following features that encourage active transport use can you identify in the image? I footpath/cycle path reduced speed limit Ilighting public transport bike storage pedestrian crossing					
Building change (Evaluate)	Student's own response					

Activity title	Answers				
A bike evolution	4 5 5				
To 'e' or not to 'e'	Student's own response. Possible responses include: Positives: reduced motor vehicle use/carbon emissions, increased active transport, affordable option, less traffic congestion Negatives: safety concerns, legal concerns, potential waste management issues (ie batteries put into landfill)				
Bikes out of the box	Student's own response				
Bike to the future	Student's own response				

Part 2: On the road

PAGE 1



Activity title	Answers
Safe people	 Don't <u>distract</u> the driver. <u>Everyone</u> must be buckled up. Children must be in an <u>approved</u> child restraint or seat. Children under seven are safer in the <u>back</u> seat. Each passenger needs their <u>own</u> seat and restraint. Secure <u>loose</u> items that could cause injury in a crash or sudden stop. Keep all body parts <u>inside</u> the vehicle at all times.

PAGE 2 CONTINUED

Activity title	Answers													
Safe crossing					-					s .	0 :		ş-	_
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Safe roads and roadsides (evaluate)	too fast.	e a	esigi	iea	to ca	aim	tran	nc a	s tn	ey Ja	ara	veni	CIE	e that is travelling
Toddsides (evaluate)	Reflectors help d	riv	ers s	see I	ane	maı	king	gs in	the	dar	k. S	ome	w	rill make a noise
	or bump if a veh							-						
	lane.													_
	Cycle lanes keep	сус	clists	and	d mo	otor	veh	icles	sep	oara	te, ۱	vhic	h i	is safer for both.
	They also help cy	/clis	sts b	e vi	sible	to	mot	orist	ts.					
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Safe roads and						_	nsw	ers i	nclu	ıde:	traf	fic is	sla	nds, traffic lights,
roadsides (evaluate)	overhead lights,													
Safe vehicles	Authorities like A													
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	particular car ma		•	nd),	, the	y m	ay f	eel p	ores	sure	d to	giv	e c	cars from that
	make a higher ra	tin	g.											

PAGE 3

Activity title	Answers						
Smarter, safer, greener	Student's own response. Possible answers include: halogen lights, GPS,						
	Bluetooth, rear airbags, Isofix, autonomous emergency braking, smartphone						
	integration, etc.						
Vehicle vocab	A vehicle with an engine powered by petrol or diesel.						
	driver-assistance Electronic technologies that assist the driver, such as cameras, sensors and alerts.						
	A vehicle that combines a petrol/diesel engine with an electric motor and batteries.						
	hybrid vehicle Able to sense its environment and move without human input. Also known as driverless or self-driving.						
	internal combustion A vehicle that runs solely on electricity, powered by batteries you charge through a socket.						
Green machines	availability, cost, safety, environmental impact, storage, emissions						
An epic journey	Student's own response						
Long tailpipe	fossil fuels: 76% renewables: 24%						
	Student's own response. Possible answers include:						
	comfort/ safety comenience performance performance						
	Ultra-rapid charging stations significantly reduce the time needed to charge an EV.						
	Autonomous Emergency Braking automatically stops/ slows the car to prevent a crash.						
	Remote parking allows the car to park itself with no driver inside.						
	Smartphone integration connects a mobile device to a car's computer system.						
	Lane Support Systems correct the car if it veers out of its lane.						
	Heads-up displays project information, like directions, directly onto the windscreen.						
	Dual motor cars have an electric motor at the front and rear of the car.						
	Biomaterial car parts such as soybean seat cushions and plant-based paint.						
No driver needed	rigorously tested, independent audits, are fitted with seatbelts, have						
	emergency buttons and controls for manual intervention, have stickers or						
	screens visible inside and outside to display information to other road users						
	and passengers, have a horn or bell, two Chaperones onboard at all times						

Activity title	Answers					
On the go charging	Responses will vary					
Driving change	Student's own response. Possible responses include: interest in STEM subjects, creative, problem solver, hardworking, attention to detail, can work in a team, etc.					
Animal crossings	Student's own response. Possible responses include: add plants and natural ground surface, don't have bright lights, make it wide enough animals won't feel trapped, have a railing, etc.					
Operation traffic flow	The vehicles are painted to stand out (bold colours, stripes), fitted with flashing lights and signage, official IRC markings.					
What next?	Student's own response					