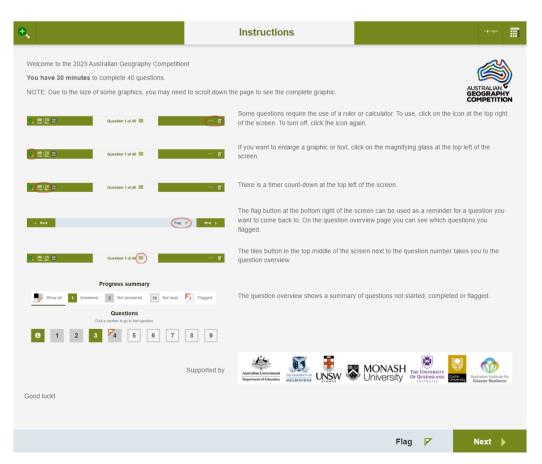


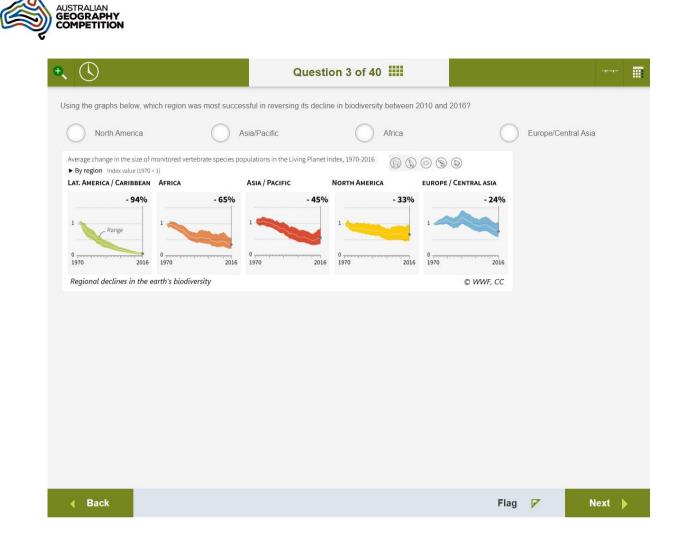
2023 Year 10



*note: on a question where this is more than one drop down to be answered, and only one list is visible, all answer options are the same for each of the drop downs

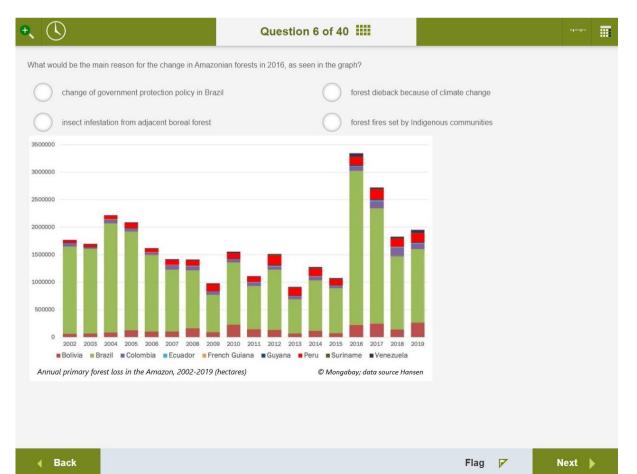


•	Question 1 of 40		
What is meant by biodiversity? interconnected biological processes in an ecosystem diverse ways of looking at biology the variety of living organisms and their ecosystems differences in the total mass of living organisms in an are	a		
Land and Sea use Change (Including habitat loss and degradation)	Climate Change Invasive species and disease		
The five threats to biodiversity	© WWF, CC		
4 Back		Flag 🌾	Next 🕨
• What is the main cause of biodiversity loss in Australia? Click on the	Question 2 of 40		alandaa 🚺
Land and Sea use Change (Including habitat loss and degradation)	e correct answer in the image below.		ланар
Land and Sea use (Including habitat loss	e correct answer in the image below.		

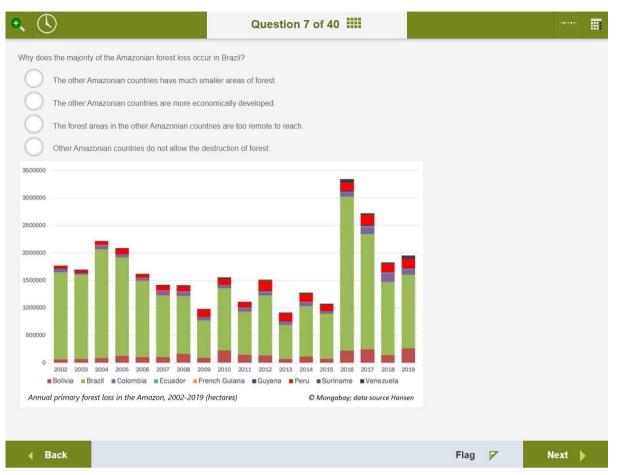


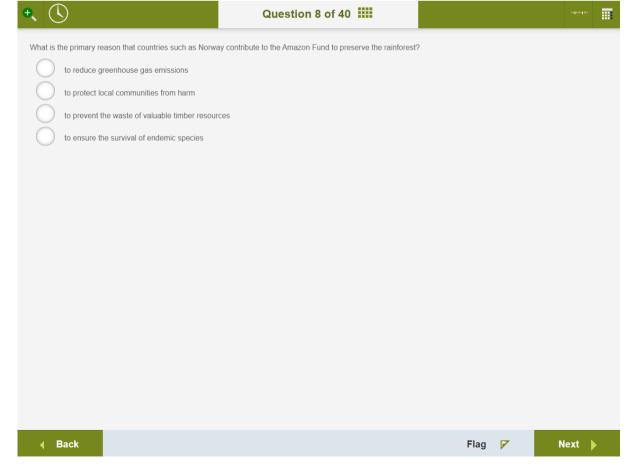
A base at lease to be a body weighting to body weighting to be a body weighting to be a bod	•	Question 4 of 40	anana 🔳
33% of North America's vertebrate species have become extinct. Developing countries have suffered the worst declines. China has improved its protection of biodiversity. The worst period for biodiversity loss has been since 2010. Nerage change in the size of monitored vertebrate species populations in the Living Planet Supported Unsupported Unsup		ween 1970 and 2016 supported or unsupported by the information in the graphs	s? Classify them by choosing the
Developing countries have suffered the worst declines. China has improved its protection of biodiversity. The worst period for biodiversity loss has been since 2010. Average change in the size of monitored vertebrate species populations in the Living Planett b gregion index value (1970 = 1) LAT. AMERICA / CARIBBEAN AFRICA ASIA / PACIFIC NORTH AMERICA EUROPE / CENTRAL ASIA -9496 -9496 -6596	Statement	Supported/Unsupported	
China has improved its protection of biodiversity. The worst period for biodiversity loss has been since 2010. Average change in the size of monitored vertebrate species populations in the Living Planet b yregion Index value (1970 – 1) LAT. AMERICA / CARIBBEAN AFRICA AFICA ASIA / PACIFIC NORTH AMERICA EUROPE / CENTRAL ASIA - 94% $- 65%$ $- 45%$ $- 45%$ $- 33%$ $- 24%1 - 2016$ $1 - 2$	33% of North America's vertebrate species have become	extinct.	
The worst period for biodiversity loss has been since 2010. Average change in the size of monitored vertebrate species populations in the Living Planet b By region indexvalue (1970 = 1): LAT. AMERICA / CARIBBEAN AFRICA ASIA / PACIFIC NORTH AMERICA EUROPE / CENTRAL ASIA - 94% - 65% - 15% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% - 65\% -	Developing countries have suffered the worst declines.	•	
Average change in the size of monitored vertebrate species populations in the Living Planet • By region Indexvalue (1970 = 1) LAT. AMERICA / CARIBBEAN AFRICA ASIA / PACIFIC NORTH AMERICA EUROPE / CENTRAL ASIA - 94% - 65% - 45% - 33% - 24% - 1970 2016 1970 2016 1970 2016 1970 2016 1970 2016 1970 2016	China has improved its protection of biodiversity.	*	
Average change in the size of monitored vertebrate species populations in the Living Planet b By region Index value (1970 = 1) LAT. AMERICA / CARIBBEAN AFRICA ASIA / PACIFIC NORTH AMERICA EUROPE / CENTRAL ASIA - 94% - 65% - 45% - 33% - 24% 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The worst period for biodiversity loss has been since 201		
$\begin{array}{c} -94\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array} \begin{array}{c} -65\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array} \begin{array}{c} -45\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array} \begin{array}{c} -33\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array} \begin{array}{c} -24\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array} \begin{array}{c} -24\% \\ 1 \\ 0 \\ 1970 \\ 2016 \end{array}$	► By region Index value (1970 = 1)	ations in the Living Planet I Unsupported 🕼 🕲 🐵 🕲	
1 1 <th></th> <th></th> <th></th>			
1970 2016 1970 2016 1970 2016 1970 2016 1970 2016	1 1 1	- 45% - 33% - 24%	
Regional declines in the earth's biodiversity			
	Regional declines in the earth's biodiversity	© WWF, CC	
▲ Back Flag \not Next \>		Flag	Next

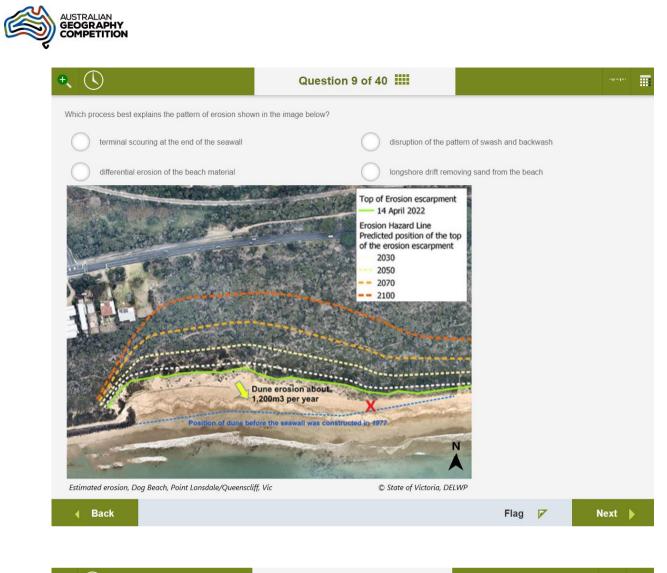


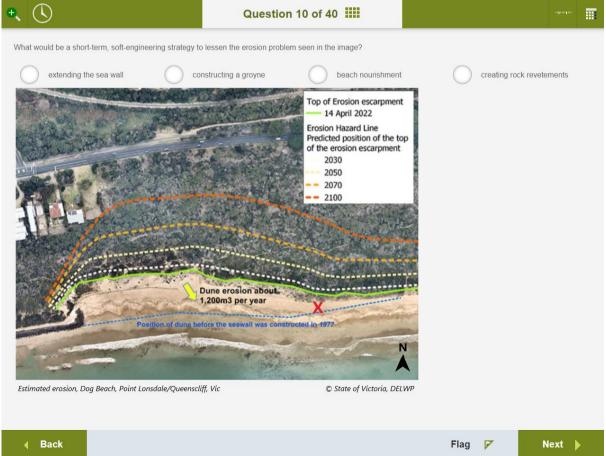


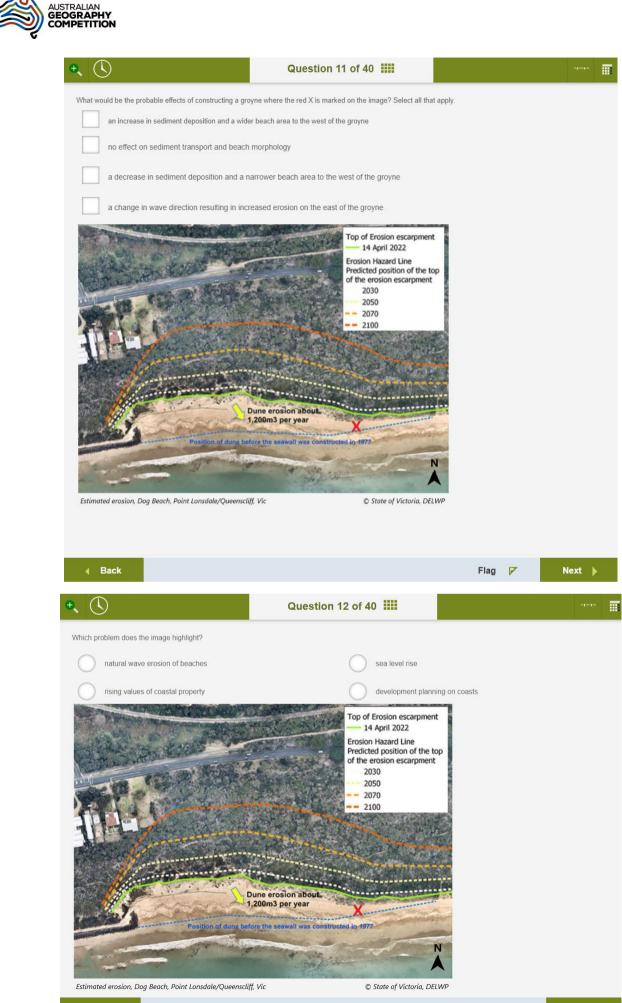












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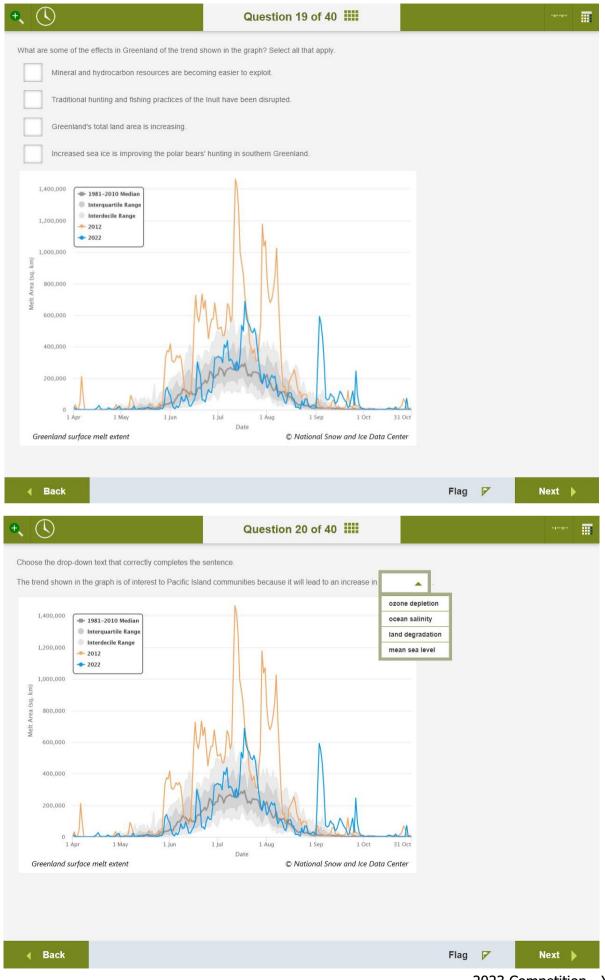
+	Question 1	l3 of 40 🗰					
Aboriginal peoples in Australia commonly manipulated th	e land to enhance food avail	ability through:					
controlled burning							
irrigation systems							
crop rotation							
contour ploughing							
✓ Back				Flag		Next	
+	Question 1	4 of 40 🗰				atout	
CSIRO has studied the wide-ranging benefits associated	l with Indigenous land manag	ement. Classify these I	benefits by dragging a	and dropp	oing the app	ropriate text into	o the
table.	opolitical Economic	Environmental	Health and well-b	eing			
Category		example	Health and weil-	Jenng			
		liet reducing lifestyle ris	sk factors				
	Support	t for intergenerational ti	ransfer of knowledge				
	Creation	n of saleable carbon cr	ealts				
	Lower n	ates of weed infestation	n				
. Back						Next	

•	Question 15 of 40				alaalaa
Pablem in farming area 0	ISW DPI		f these human activ lem shown in the im clearing deep-roo building fences ar planting improved anthropogenic clii	nage? oted native veg nd gates d pasture gras:	getation
Back	Question 16 of 40	Which of the imag	Flag f these is a suitable e?		Next
Problem in farming area	ISW DPI	0000	planting rows of p irrigating the land ploughing the land planting salt tolera	more intensiv d to break the	surface
. ■ Back			Flag		Next

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•	Question 17 of 40		
Polen in farming area	Which	type of image is this?) aerial) satellite) terrestrial) macro	
✓ Back		Flag 🏼 🏹	Next 🕨
+	Question 18 of 40		ntenter 🏢
Using the graph below, which of these statements is true? The extent of ice melt in 2022 was greater than in 2 The extent of ice melt in Greenland is naturally varied The interdecile range is by definition smaller than the The extent of the ice melt increases each year:	able. he interquartile range.	↓ Oct ter	

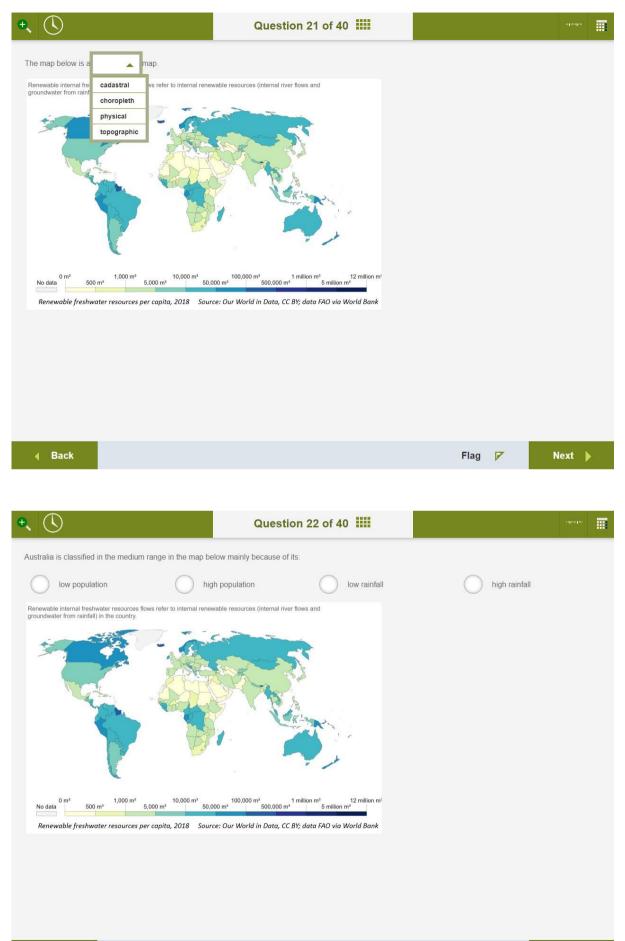




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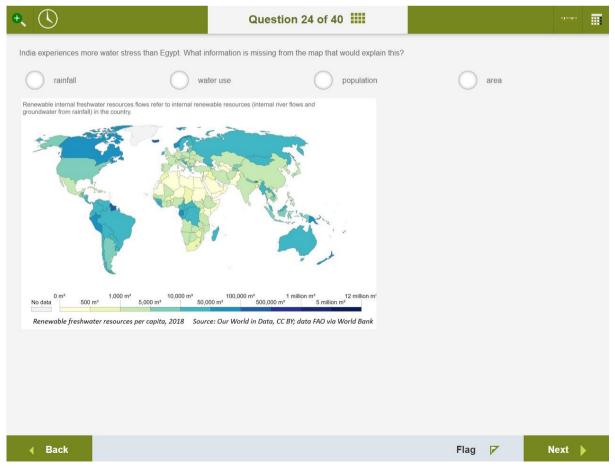


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•	Question 23 of 40				
Which is the most significant limitation of the data show	n in the map?				
does not include country name labels	does not show va	riation within countries			
missing data for one country	does not show ma	ajor dams			
Betweeble internal first-hwater resources flows refer to internal rener Image: the transmission of the transmission of the transmission of tr	000 m ³ ^{100,000} m ³ ¹ million m ³ ¹² million m ³				
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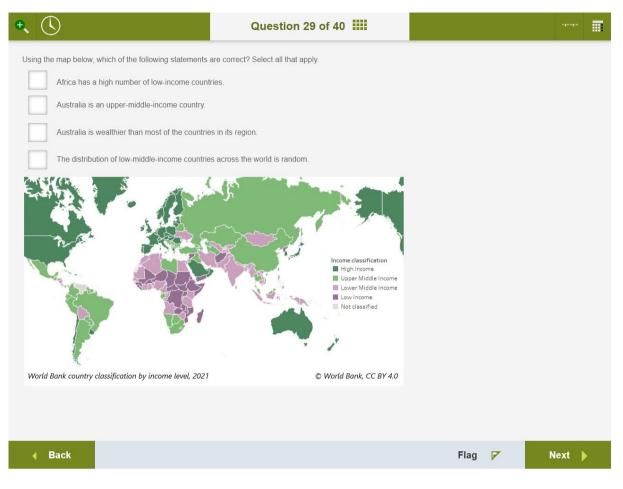
+	Question 25 of 40				
Which of these initiatives are most likely to help reduce recycling water promoting water conservation measures privatising the water supply deregulating discharge from sewage treatme	the risk of water scarcity for residents? Se				
Back	Question 26 of 40		Flag	7	Next
Human Development Index (HDD) scores by state, 2021 © A Hunter, CC BY SA 4.0; data Global Do	score to	hd drop these states o lowest. New South Wales South Australia Victoria Western Australia	3	t Human D	evelopment (HDI)



•	Question 27 of 40		որողո	
Intervelopment Index (HDI) scores by state, 2021 (a) A Hunter, CC BY SA 4.0; data Global Data La	score comp iff e: m g	he indicators that make up the HDI bes pared to the other states? ife expectancy at birth expected years of schooling mean years of schooling gross income per capita	st explains Western Australi	a's
✓ Back		Flag	Mext	

•		Question	28 of 40 🗰		······
Drag and drop the Hu	man Development Index (HDI) so	cores to correctly match the	countries below.		
		0.478 0.730	0.921 0.962		
Country	HDI score				
Afghanistan					
Fiji					
Switzerland					
USA					
Back				Flag 🌾	Next 🕨





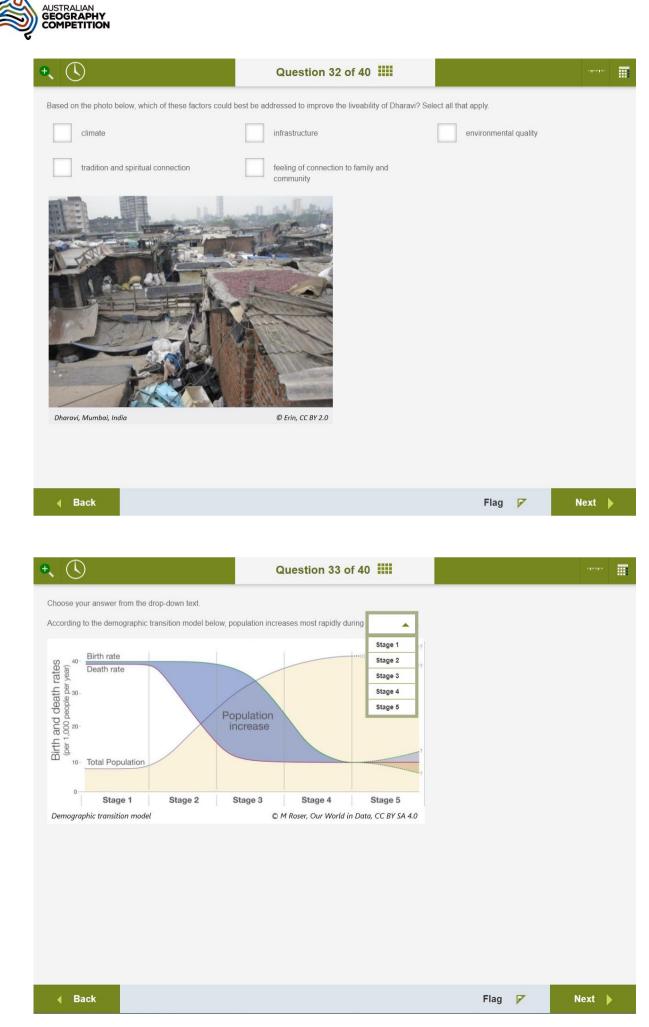
Culture & environment Education Healthcare Infrastructure Stability Category Selected factor Availability of over-the-counter drugs Availability of over-the-counter drugs Image: Category Public education indicators Public education Image: Category Image: Category Quality of water provision Social or religious restrictions Image: Category Image: Category Threat of civil unrest/conflict Threat of civil unrest/conflict Image: Category	Index is another way of measuring the ad factors.	quality of life. It measure	es 30 factors in 5 ca	tegories. Drag and c	drop the categ	ory into the tab	le below to co
Availability of over-the-counter drugs Public education indicators Quality of water provision Social or religious restrictions	Culture & environ	ent Education	Healthcare	Infrastructure	Stability		
Public education indicators Quality of water provision Social or religious restrictions	Category		Selected factor				
Quality of water provision Social or religious restrictions			Availability of ove	er-the-counter drugs			
Social or religious restrictions			Public education	indicators			
			Quality of water	provision			
Threat of civil unrest/conflict			Social or religiou	s restrictions			
			Threat of civil un	rest/conflict			

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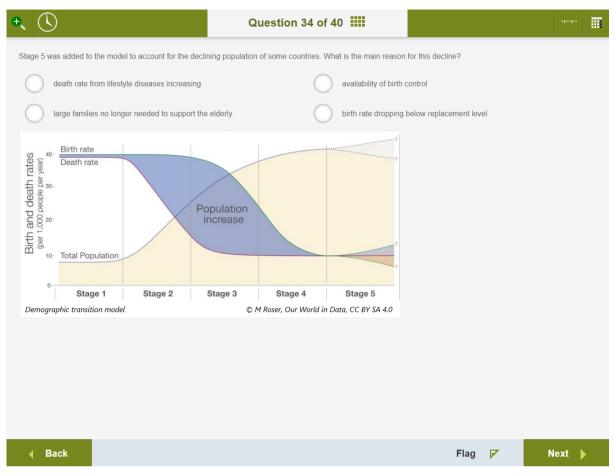
Next 🕨 2023 Competition - Year 10

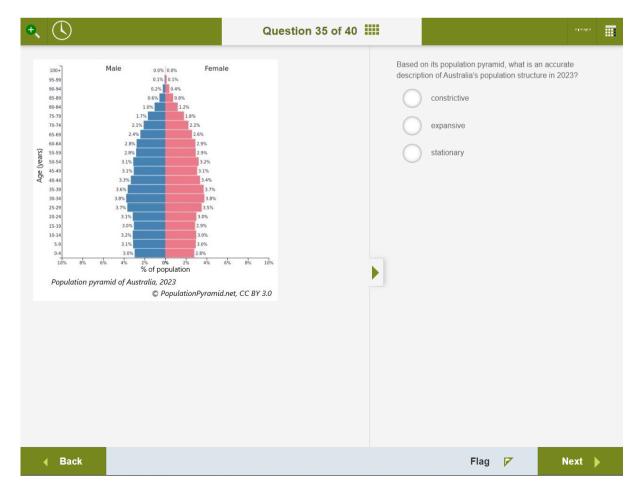




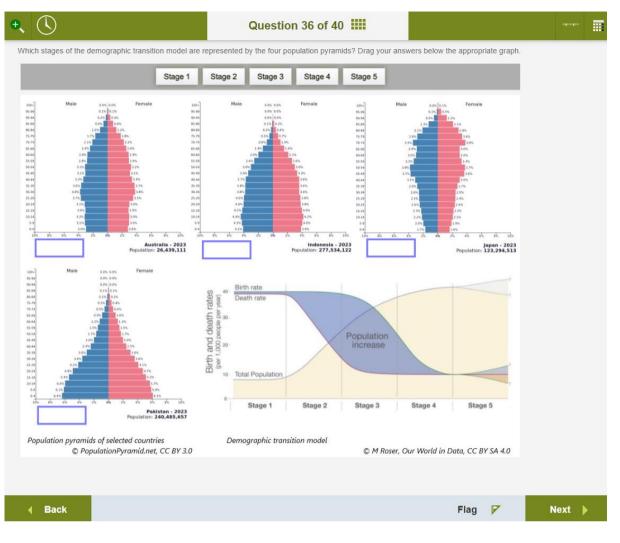














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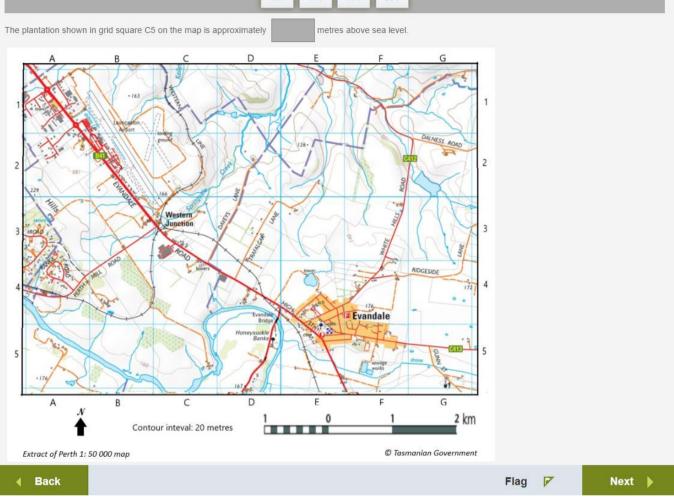


Using the map, in approximately which direction would you be driving to go from Evandale to Western Junction?

-tenter 🛄









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