				Mod 1	Unit 1	Mod 2	1od 4 Mod 5	nit 2	Mod 7	lod 9	lod Q las-	Unit 3	d 11 840-1	12 140-		nit 4	Mod 16	Mod 17	Un		Mod 20	40d 21 14	Unit 6	22 Mad	24 Mod 2	Unit 7
	Competency / Learning Objective Text			Mod 1	Mod 2	Mod 3 N	10d 4 Mod 5	Mod 6	Mod / IV	100 8 IV	10d 9 IMO	0d 10 Mo	d 11 Mod	12 Mod	13 Mod 14	4 Mod 15	Mod 16	Mod 17 N	/log 18	Mod 19	Mod 20 N	100 21 M	3d 22 Mod	23 Mod 2	24 Mod 25	Mod 26 N
ompetency/																										
earning utcome 1.1	Demonstrate the ability to apply critical thinking skills and the scientific method.	Skills																								
arning	Discuss the difference between	1.1.1A	Define hypothesis	V																						4
jective 1.1.1	hypothesis and theory	1.1.1A 1.1.1B	Define theory	x																		-	-	+	_	1
			4																							
arning	Discuss the importance of using a set		1 . W																							
jective 1.1.2	method in scientific inquiry		List the steps of the scientific method Summarize the peer review process		×																					+
		- V 1	Summarize the peer review process		r																		_	-		
arning	Design a simple experiment that follows		Use the steps of the scientific method to develop a																							
Objective 1.1.3 Learning Objective 1.1.4	the scientific method	1.1.3A	simple experiment		х																				_	
	Analyze an article published in popular	70 1 95V	Read a short peer-reviewed article with the steps of the																						-	
	media for scientific accuracy	12.4A_0)	scientific method in mind		×																					
	Marsha	1(1)48	Determine if the authors followed the scientific method		x																					
	100) ~																								4
mpetency arning stcome 1.2	Recognize how the scientific method and process is used to propose solutions for environmental issues.																									
COME 1.2	Discuss the fluidity of the scientific							1							1	1						-+	-+	+		
arning	process and discuss why the processes of		Describe why the scientific process does not stop with													1										
jective 1.2.1	scientific inquiry are not always linear	1.2.1A	the proving or disproving of a hypothesis			x		1							_	1						\rightarrow				4
		1.2.1B	Describe how new technologies, new ideas influence how the scientific method functions																							
		1.2.1C	Apply the scientific method to common issue			x																				
	Explain the importance of peer review process and funding sources in high																									
irning	quality research and solutions to environmental issues	1.2.1A	Define peer review			V																				
Objective 1.2.3	Environmental issues	2.2.27	Discuss what the National Science Foundation is and			^																				
		1.2.1B	the grant process			х																				
		1 2 1 6	Discuss the pros and cons of industry sponsored																							
		1.2.1C	research			X																-	-	+	_	
	Analyze the issues in public	01	100																							
arning	understanding of the scientific process as	20	Discuss how scientific research is presented to the																							
ojective 1.2.3	it relates to current environmental issues	1.2.3A	general public Discuss-biases in presentation of information based on			х																			_	+
		1.2.3B	economic and political concerns			×																				
	(2)	· 0/0 · W	Analyze the role of education in public understand of																							
			science and environmental issues			х																_			_	4
	word w	1.2.30	Evaluate the way environmental issues are presented relative to solutions			×																				
	(N X)	OV.																								
	Analyze the importance of continued	0																								
arning ective 1.2.3	review and re-evaluation of environmental issues and solutions	1.2.3A	Evaluate the role of emrging technologies in solving environmental issues			V																				
geetive 1.2.5	environmental issues and solutions	1.2.3/1	Analyze the public conception of "scientists are always			^																				
			changing their mind", what drives this perception, and													1										
		1.2.3B	how to combat it Propose a method of better communication of			х																			_	4
		1.2.3C	environmental issues and solutions			x																				
ompetency /	Develop an understanding of basic																									
arning stcome 1.3	ecology, including biogeochemical cycles, co-evolution, and food webs																									
earning Objective 1.3.1	List the levels of trophic organization in																									
	ecological systems	1.3.1A	Define producers, consumers, and decomposers			х																				
		1.3.1B	Define primary, secondary, tertiary consumers Describe the difference between a food web and a food			×		1							-	-						-+	-	+		
		1.3.1C	chain			×		1																		
			Describe how energy is transferred through the energy																							
	-	1.3.1D	pyramid Describe the process of photosynthesis			x		1								1						$-\!\!\!+$	$-\!\!\!\!+\!\!\!\!\!-$			
		1.3.1E	Describe the process of photosynthesis			×		1								1						-+	-+		-	
arning								1								1						$\neg \uparrow$		_		
jective 1.3.2	Describe the rock cycle	1.3.2A	Define igneous, metamorphic, and sedimentary rocks.				x	1								1										
		1.3.2B	Describe how each rock type changes to another rock																							
		1.5.28	Define plate boundaries, spreading ridges,				x	1							-	1						-+	-+	+-		
	1	1.3.2C	subduction,and continental collision				1	1	i I	10					1	i i						- 1		- 1		4

		1.3.2D	Describe what causes earthquakes	x									
Learning			Define evaporation, transpiration, precipitation,										
Objective 1.3.3	Describe the water cycle	1.3.3A	infiltration, and condensation	x									
		1.3.3B	Define streamflow, runoff, and groundwater flow	x									
		1.3.3C	Describe the role of the sun in the water cycle	×									
		1.3.3E	Describe the role of the water cycle in the rock cycle	×	_								
-		1.3.31	Describe how humans may affect the water cycle	×						+	_		
Learning		445											
	Describe the oxygen cycle	13:4A	Describe why oxygen is important to living things										
	Α.	W.	Describe the three reservoirs of the oxygen cycle:										
	()0		atmosphere, biosphere, lithosphere	×									
-	.0)	1.3/4C \ D\	Describe how oxygen moves among the reservoirs	x	:								
	CHO CHINA). YOU .	Define ozone and describe it's importance in Earth's										
	Www.	1,3)40	atmosphere	×									
	0, 80,	V	Describe the causes and effects of a weakening of an										
	W. W. Y.	1.3.4E	area of stratospheric ozone (an "ozone hole")	x									
Learning	, 10												
Objective 1.3.5	Describe the nitrogen cycle		Define above and a standard subsequent										
		1.3.5A	Define atmospheric nitrogen, nitrite, nitrate, and ammonia										
		1.3.5A 1.3.5B	Describe the process of nitrification	X									
-		1.3.5C	Describe the process of intrincation Describe the process of assimilation										
		1.3.5D	Describe the process of assimilation Describe the process of nitrogen fixation										
-		1.3.5E	Describe the process of ammonification	x									
		1.3.5F	Describe why nitrogen is important for ecosystems	x									
		1.3.5G	Describe how humans influence the nitrogen cycle										
Learning						T							
Objective 1.3.6	Describe the carbon cycle				х								
		1.3.6A	Describe why carbon is important to living things		х								
			Describe the components of the carbon cycle:										
		1.3.6B	atmosphere, biosphere, oceans, geosphere		×								
		1.3.6C	Describe how carbon between the atmosphere to the biosphere		Ų								
		1.5.00	Describe how carbon moves and is stored in the		^								
		1.3.6D	geosphere		x								
-		1.3.6長	Describe the ocean carbon cycle		х								
		1.3\6F	Describe how humans influence the global carbon cycle		х								
		U, M											
Learning	, ']	(3.79 ×)											
Objective 1.3.7	Describe the phosphorus cycle	1.3.7A	Describe why phosphorus is ecologically important		x								
	, XV	N D'	Describe the difference between organic phosphorus										
	(D), W	1.3.7BN	and inorganic phosphorus		х								
	Curipy	13.7c	Describe how phosphorus moves among the atmosphere, lithosphere, and biosphere										
	() () ,()	1.3.7D	Describe how humans influence the phosphorus cycle		v								
	GO WW ON	1.5.70	bescribe now numaris influence the phosphorus cycle		- î								
Learning	Define evolution and describe the												
Objective 1.3.8	Define evolution and describe the concept of co-evolution	1.3.8A	Define phenotype and genotype			×							
	λ. 10	1.3.8B	Define speciation, mutation, and genetic drift			x							
	O,	1.3.8C	Describe how adaptation occurs			x							
		1.3.8D	Define and discuss coevolution and how it occurs			x							
		1 2 05	Define extinction and desribe common causes of										
		1.3.8E	extinction			×							
Competency /	Distinguish among the various biomes												
Learning	and how different environmental												
Outcome 1.4	changes can affect each.												
	List the characteristics of terrestrial,												
	aquatic, and wetland ecosystems	1.4.1A	Describe the characteristics of a terrestrial ecosystem			,							
			Describe the characteristics of aquatic ecosystems,										
			including the difference between marine and										
		1.4.1B	freshwater										
-		1.4.1C	Define a wetland			· ·							
		1.4.1D 1.4.1E	Define brackish water										
		1.4.10	Define marsh, fen, bog, mangrove			- '							
Learning	Describe how geography drives the		Describe the characteristics and typical location of										
Objective 1.4.2	locations of the Earth's biomes	1.4.2A	tropical forests				×						
			Describe the characteristics and typical location of										
		1.4.2B	deciduous forests				×						
			Describe the characteristics and typical location of										
		1.4.2C	savannahs				x						
			Describe the characteristics and typical location of										
		1.4.2D	temperate grasslands				×						
		1 4 25	Describe the characteristics and typical location of										
		1.4.2E	deserts Describe the characteristics and typical location of		-+	-	X						
		1.4.2F	coniferous forests				,						
	l	4.77.41	connectors forests					 _	 		_		

			Describe the characteristics and typical location of										
		1.4.2G	chaparral			×							
			Describe the characteristics and typical location of										
		1.4.2H	tundra			×							
		1	Describe the characteristics arctic and high mountain										
		1.4.21	ice			x							
			Describe the characteristics of oceans			×							
		V K10	Define ecotone Discuss how changes in ecotone dynamics may be			×							
	V0)	1.4.24	indicative in changes in the health of an ecosystem			Ų							
	7,00	. N R	indicative in changes in the health of an ecosystem			^							
Learning	Analyze the effects of microclimates on	100 -2110											
Objective 1.4.3	Analyze the effects of microclimates on organisms living in various biomes	1.4.3A	Define microclimate										
	(8,00	.oVV	Analyze the effects changing microclimate may have on										
	12 W1, W1.	1.4.3B	terrestrial organisms				x						
		1.4.3C	Discuss island biogeography				x						
		1.4.3D	Discuss the role of changing microclimate on extinction				x						
	ν ων												
	Discuss the concept of ecosystem services												
Learning	and how ecosystems may provide certain												
Objective 1.4.4	benefits to humans	1.4.4A	Define the term ecosystem services				х						
		1.4.4B	Define regulating services, cultural services, provisioning services, and supportive services										
		1.4.4B	Discuss how wetlands provide ecosystem services				^ v		_				
-			Analyze the role of bees in agriculture				^						
			Analyze the concept of payments for ecosystem										
		1.4.4E	services										
Learning	Evaluate how environmental change may												
Objective 1.4.5	affect ecosystems	1.4.5A	Define disturbance					x					
		1.4.5B	Discuss the role of fire in nature					x	\perp				
		1.4.5C	Define invasive species					X					
			Discuss the wildland-urban interface					х					
-		1.4.5E	Define ecological succession Analyze human land use patterns and the effects on					x					
		1.4.5F	terrestrial ecosystems					,					
		1.4.51	terrestrial ecosystems					^					
Learning	Analyze the role of forests in the global												
Objective 1.4.6		1.4.6A	Evaluate where forests are located globally					×					
			Define source and sink					x					
			Define net primary productivity and global net primary										
		1.4.6C	productivity					x					
		1.4.6D	Discuss the causes of global deforestation					x					
		1	Analyze the effects of deforestation on the global										
		1.4.6E	carbon cycle					х					
C/	Analogo Abo abous desirables of business	001.0	<i>N</i>										
Competency / Learning	Analyze the characteristics of human populations as they relate to impacting	1,000	<i>₹</i>										
	the environment.	1,0	Š										
Outcome 1.5	List the main regions of the planet where	, W . R											
Learning	List the main regions of the planet where large populations of humans live and describe the ecosystems in these regions	Mr. Mr											
Objective 1.5.1	describe the ecosystems in these regions	1.5\14)	List major metropolitan areas					x					
	. ()	20)/2	List the ecosystems directly affected by the major										
		1.5.1B	metro areas					х					
	(1, 'S', 'D')	·											
	- (W' N												
Land	List the various ways human populations												
Learning Objective 1.5.2	(global, regional, and local) influence the environment	1.5.2A	Describe how humans affect water quality					L.					
Objective 1.5.2			Describe how humans affect water quality Describe how human populations affect air quality					X					
-			Describe how human populations affect all quality Describe how human populations affect wildlife and					^					
		1.5.2C	biodiverisity					x					
-													
Learning	Describe how human population growth												
Objective 1.5.3	affects the global ecosystem	1.5.3A	Define population dynamics						x				
			List the population of Earth in 1900, 1950, 2000, and		I								
		1.5.3B	current						x				
		1.5.3C	Describe the resources needed by humans for survival						x				
		1 5 20	Describe how an increasing population puts pressure										
		1.5.3C	on water resources and agricultural land resources Describe how an increasing population puts pressure						X				
		1.5.3D	on non-agricultural lands						,				
-		2.3.30	on non agricultural lanus						^				
Learning	Describe the affects of human population												
	growth on food production	1.5.4A	Describe the affects of human diet on the environment							.			
			Describe the Green Revolution										
-			Describe how modern, conventional agriculture can										
		1.5.4C	affect the environment										
		1.5.4D	Define genetically modified organisms										
		1.5.4E	Discuss the pros and cons of GMOs										

Document 1.5. Second between commonwealth of the commonwealth o						 		 							
Column C														1	
1.5.0 Ches processes and security control and cont															
The company of the	Objective 1.5.5	populations on pollution and waste		Define primary pollutant					X					+	
Company Comp							1		×						
The company of the			1.5.5D	What are the goals of the Clean Air Act?					x						
1.15				Define point source and non-point source pollution					x						
1.50 1.50									х						
Concessory Concessor Concesso									х					1	
Section Conference Section			1.5.5H						x						
Common Co			1.5.51						×						
Company Comp	-			Define non-municipal solid waste, municipal solid											
Completery / Compl				waste, and hazardous waste					x						
Competency (Assembly and product of the competency of the competen			1.5.5K	Discuss major waste disposal methods					х						
Company of the product of the produc														1	
Common L. M. as and energy resource. Common L. M. Analysis how resource resourcement of Printed Ry Copting Minds Common L. M. Analysis how resource resourcement of Printed Ry Copting Minds Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement as and the Common L. M. Analysis how		Evamine the political social and ethical	1 " 1) , , , ,											
Common L. M. as and energy resource. Common L. M. Analysis how resource resourcement of Printed Ry Copting Minds Common L. M. Analysis how resource resourcement of Printed Ry Copting Minds Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement assembly as and the Common L. M. Analysis how resourcement as and the Common L. M. Analysis how	Competency /	factors influencing the use of various	W W	(8)(0)											
Service of the princip of money of the princip o	Learning		1 2 N	No.											
Service of the princip of money of the princip o	Outcome 1.6	air, and energy resources.	Vis 100												
Author for among of previous months of the control	Learning	Describe the politics of resources and	(Mer 1												
West Scored Model, and New Work Scored Model, an	Objective 1.6.1	resource ownership	1.6.1A)					-		x				+	
And the control of th		O, " ?,	7 1 -							×					
South Control and										î					
Laming Occorde the covery of environmental Section of the Control of Control		, ,,,,,,	1.6.1C	World, Second World, and Third World countries						×				1	
Describe the encoge of encouramental functions of the second of encouramental functions of encouramental functi		0													
Larring Objective 1.6.2 Control Ret cancellat de environmental 1.6 List Audique the note of or an environmental plante Larring Objective 1.6.2 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret cancellat de environmental plante Larring Objective 1.6.3 Control Ret de environmental plan			1.6.1D					_		х				1	
Lazming Obstoch the concept of environmental Subsection 15.28 Analyse have executed assessed and environmental Subsection 15.28 Analyse have executed assessed			1.6.1F							v					
Clipscribe 1.6.2 Another environmental process 1.6.2 Another environmental process 1.6.3 Another environmental process 1.6.4 Another environmental process 1.6.5 Another environmental pro			1.0.12	This World countries						î					
Analyse has exconomical losses and environmental 1.6.20 1.6.	Learning	Describe the concept of environmental													
1.5.26 Section 1.5.2 Sec	Objective 1.6.2	justice	1.6.2A	Define environmental justice							x				
Learning Obscord for connection between Objective 1.5.1 Learning Obscord for connection between objective of the connection objective of the connection objective of the connection objective object to the object t			1628								Ų				
16.20 Discuss the connection between Chipsether 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of these connections and health 1.5. Discuss the connection of the con											×				
Cligation 1.6.3 Discuss the connection between Objective 1.6.3 A convenient of the connection of the c	-			Discuss the role of religion in environmental justice											
Objective 1.6.3 discontinuation 1.6.38 Conformation indicated by water disposal 1.6.38 Conformation indicated by water disposal 1.6.38 Conformation indicated by water disposal 1.6.30 Conformation indicated by water disposal indicated controlled communities 1.6.40 Conformation indicated controlled by water disposal indicated controlled communities 1.6.40 Conformation indicated by water disposal indicated controlled by water disposal indicated controlled by water disposal indicated controlled by water disposal indicated by water disposal indicat			1.6.2D	issues							x				
Objective 1.6.3 discontinuation 1.6.38 Conformation indicated by water disposal 1.6.38 Conformation indicated by water disposal 1.6.38 Conformation indicated by water disposal 1.6.30 Conformation indicated by water disposal indicated controlled communities 1.6.40 Conformation indicated controlled by water disposal indicated controlled communities 1.6.40 Conformation indicated by water disposal indicated controlled by water disposal indicated controlled by water disposal indicated controlled by water disposal indicated by water disposal indicat															
Describe current instances of environmental discrimentation related to water disposed (accommandation stated to water disposed)			1634												
1.5.88 descrimination related to wasted disposal 1.5.90 Describe how open regions are impacted by environmental issues 1.5.90 Describe how open regions are impacted by environmental issues 1.5.90 Describe description and health below in region with the connection between politicities and health below in region wealthy engage. 1.5.90 Describe the first connection between politicities and health below in region wealthy engage. 1.5.90 Describe the first connection between politicities and health below in region wealthy engage. 1.5.90 Describe the region and health below in region with the connection between politicities and health below in region wealth or the connection between politicities and health below in region in fluture complex. We will be the region of the connection between politicities and health below in region in fluture are level in fluture complex. We will be the region of the reg	Objective 1.6.5	environmental issues and poverty	1.0.3A				1					X			
1.5.2C environmental issues Discuss the differences in managing environmental issues between poore regions and more wealthy success succe			1.6.3B									x			
Discuss the differences in managing environmental issues proving project growing and more wealthy recipied. Learning Analyse current environmental issues give the connection between politicion and health of the proving and proving the connection between politicion and health of the proving and proving the connection between politicion and health of the proving and proving the connection between politicion and health of the proving and proving the connection between politicion and health of the proving and the proving an				Describe how poorer regions are impacted by											
Learning Discuss the ethics of environmental issues after an environmental of the composition of food shortages in future samed conflicts Learning Discuss the ethics of environmental issues after a market conflict of the composition of the			1.6.3C									х			
1.6.30 regolable															
Learning Objective 1.6.4 their role in current or future conflicts Learning Objective 1.6.4 their role in current or future conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of food shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of food shortages in future armed conflicts Analyze the implications of food shortages in future armed conflicts Analyze the implications of food shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of ordinate change from a social conflict conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of water shortages in future armed conflicts Analyze the implications of ordinate change from a section shortage in future armed conflicts Analyze the implications of ordinate change from a section shortage in future Analyze the implications of water shortages in future armed conflicts Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a section shortage in future Analyze the implications of ordinate change from a s			1.6.3D									×			
Learning Objective 1.6.4 (heir role in current environmental issues gird Objective 1.6.4 (heir role in current environmental issues gird Objective 1.6.4 (heir role in current environmental issues gird Objective 1.6.4 (heir role in current environmental issues gird Objective 1.6.4 (heir role in current environmental issues and future conflicts) Analyze the implications of fortune sealer fine from a socio-economic standpoint of socio-economic stand	-			Analyze the connection between pollution and health											
Learning Objective 1.6.4 their role in current or fluture config. Analyze current environmental issues of their role in current or fluture config. 1.6.40 Success the implications of water shortages in future amount conflicts. 1.6.41 Success the implications of fluture sale release in future amount conflicts. Objective 1.6.5 Consideration of fluture sale release in future amount conflicts. Objective 1.6.5 Consideration of proteins of future sale release in future amount conflicts. Analyze the responsibility of various populations to management and resource development. Analyze the responsibility of various populations to management and resource development. 1.6.50 Objective 1.6.55 Objective the Tragedy of the Commons Evaluate the NiMWS (not in my back yard) phenomenon fluture in the role waith and poverty plays. Competency / Learning of Supplies contemporary environmental issues and future the waith and poverty plays. Objective 1.7.1 regional, global)			1.6.8E ₩	Issues in impoverished communities								х			
Objective 1.6.4 their role in current or future conflicts 1.6.48			V ' V	X											
Objective 1.6.4 their role in current or future conflicts 1.6.48	Loarning	Analyza augrant angkanmantal issues the	o. W .	Bissues the implications of water shortages in future											
1.6.49 Discuss the implications of flood shortages in future samed conflicts Sharper the implications of future sea level rise from a socio-economic standpoint Discuss the ethics of environmental Discuss the ethi		their role in current or future conflicts	1:64A	armed conflicts								x			
Analyze the implications of future sea level rise from a socio-economic standpoint socio-economi															
Discuss the implications of potential for changes in agricultural productivity due to climate change from a socio-economic standpoint Learning Discuss the ethics of environmental management and resource development 1.6.5A management and resource development 1.6.5A maintain sustainable resource use and development 1.6.5D Define land ethic 1.6.5C Define land ethic 1.6.5C Define land ethic 1.6.5C Describe the Tragedy of the Commons Sustainable every plays and the role wealth and poverty plays assutainable development and climate change. Learning Sustainable development and climate change. List the mojor current environmental issues affect a small Describe how some environmental iss		, O.	1.6.4B	armed conflicts								х			
Discuss the implications of potential for changes in agricultural productivity due to climate change from a socio-economic standpoint Learning Discuss the ethics of environmental management and resource development 1.6.5A management and resource development 1.6.5A maintain sustainable resource use and development 1.6.5D Define land ethic 1.6.5C Define land ethic 1.6.5C Define land ethic 1.6.5C Describe the Tragedy of the Commons Sustainable every plays and the role wealth and poverty plays assutainable development and climate change. Learning Sustainable development and climate change. List the mojor current environmental issues affect a small Describe how some environmental iss		(Nor My	ρ)) -												
agricultural productivity due to climate change from a socio-economic standpoint and socio-econo	-		1:0.4C						-+			X		1	
Learning Discuss the ethics of environmental Objective 1.6.5 Analyze the responsibility of various populations to maintain sustainable environmental sustainable ethe in the s		740. " W													
Competency /		· W	1.6.4D									х		<u> </u>	
Objective 1.6.5 management and resource development 1.6.5A maintain sustainable resource use and development 1.6.5B maintain sustainable end of the commons 1.6.5C Define land ethic 1.6.5C Define land ethic 1.6.5C Define land ethic 1.6.5C Describe the Tragedy of the Commons 1.6.5E maintain sustainable explorate the MIMBY (not in my back yard) phenomenon 1.6.5E and the role wealth and poverty plays Explain contemporary environmental issues and future trends, such as sustainable development and climate change. Learning Outcome 1.7 List the major current environmental issues specing various populations (local, regional, global) 1.7.1A Describe an environmental issue affecting your locality pour locality of the possible of the property of the possible of the		V-												1	
1.6.58 Define sustainable ethic			1654	Analyze the responsibility of various populations to											
1.6.5C Define land ethic	Objective 1.6.5	management una resource development						_					x x	1	
1.6.50 Describe the Tragedy of the Commons				Define land ethic									x		
Explain contemporary environmental issues and future trends, such as sustainable development and climate change. Learning Objective 1.7.1 regional, global) 1.7.1A Describe an environmental issue affecting your locality. Describe how some environmental issues affect a small			1.6.5D	Describe the Tragedy of the Commons									x		
Explain contemporary environmental issues and future trends, such as sustainable development and climate Change. Learning Outcome 1.7 development and climate Change. Learning Issues focing various populations (local, regional, global) 1.7.1A Describe an environmental issue affecting your locality Describe how some environmental issues affect a small															
Competency Issues and future trends, such as sustainable development and climate Country C	-		1.6.5E	and the role wealth and poverty plays									X	1	
Competency Issues and future trends, such as sustainable development and climate Country C		Explain contemporary environmental						_							
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List the major current environmental	Learning														
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Objective 1.7.1 regional, global) 1.7.1A Describe an environmental issue affecting your locality Describe how some environmental issues affect a small	Loarning														
Describe how some environmental issues affect a small			1.7.1A	Describe an environmental issue affecting your locality									×		
	,	-2y gy		Describe how some environmental issues affect a small											
			1.7.1B	local area while others have far-reaching effects									x	1	

		1.7.1C	Discuss the role humans in ocean acidification								· ·					
			Define urban sprawl				1				,					
			Describe how air and water pollution affect populations				1				· · · · · · · ·					_
			on local, regional, and global levels													
-			Define acid rain				+									_
-			Describe the difference between human-caused climate	+			1				,					-
	VQ		change and natural cycles of climate change													
			change and natural cycles of climate change				+				,			_		
		W. W		-			1			_					_	-
	Analyze the implications of a fossil fuel	1.7.2A														
Objective 1.7.2			Define fossil fuel				-					x				
		1.7.2B	Describe the process of mining fossil fuel resources									х				
	CALL ALV	1.7.2C	Define Peak Oil									x				
	(1,25,70)	I	Discuss the ecological and economical impacts of oil													
	110. 9	1.7.2D	and gas spills and accidents									x				
	2 Mg		Discuss the issues related to hydraulic fracturing													
	Or .	1.7.2E	(fracking)									x				
	-				T											
Learning				T	T				1 T							
Objective 1.7.3	Discuss the types of renewable energy	1.7.3A	Describe how solar power systems work										<			
		1.7.3B	Discuss drawbacks to solar power systems					1					<			
		1.7.3C	Describe how wind power systems work										<			
			Discuss some of the potential drawbacks to wind													
		1.7.3D	energy systems										ĸ			
		1.7.3E	Describe how hydropower systems work										<			
		1.7.3F	Discuss some of the drawbacks to dam systems										<			
		1.7.3G	Describe how geothermal systems work										<			
-			Describe the pros and cons of nuclear energy as a													
		1.7.3H	renewable energy system										<			
		1.7.31	Define net-zero and the concept of energy efficiency													
			8/													
Learning		- 4					1									_
	Define sustainable development	1.7.4AA	Define environmental sustainability										v			
Objective 1.7.4	bejine sustamable development		Describe the relationship between environmental and				1									_
			economic sustainability										v			
		100	X.				1									
	Describe the earth's climate system and	1 1	N°				1									
Learning	the natural processes that influence	. W. R	r													
Objective 1.7.5		12.5A.N	Define greenhouse gases											Ų.		
Objective 1.7.5	V 1/1	90/	Describe the factors that determine the climate of				+							^		-
	(D) . (N)	1.7.5B	Earth											Ų.		
-		1.7.5C	Define climate and weather				+							, v		-
	(H X) De	W.7.5C	Define climate and weather				+							х		-
-	Analyze the ways humans affect the			+	-		1									-
	earth's climate and the data that support		Discuss human contribution to excess greenhouse													
Learning	the hypothesis of human-induced climate		gases: carbon dioxide, methane, nitrous oxide, water													
Objective 1.7.6	cnange	1.7.6A	vapor				+							_	X	-
			Describes the Heave of coldenses would be real-state to													
			Describe the lines of evidence used by scientists to													
		1.7.6B	determine if climate change is human caused or natural						-					_	х	
		-														
			Describe how climate change may affect severe													
Learning	Discuss how climate change may		weather (hurricanes, tornadoes) frequency and													
Objective 1.7.7	influence weather events	1.7.7A	intensity												х	
			Describe how climate change may affect summer and													
		1.7.7B	winter temperatues												х	
			Describe how climate change may affect drought and													
	I	1.7.7C	more intense precipitation (rain, snow) events		- 1			- 1	1 1						x	