

## Unit 3 – Environmental Science

DAY	Lab or Activity	Student worksheet	Lecture -- Class notes	AV presentation	Follow-up	Homework	Assessment
1	What Makes an Ecosystem?	3:1	Parts of an Ecosystem			Have students write a paragraph	
2	The Plight of Mono Lake (Think About It and begin Time To Explore)	3:2				Complete Part A of Time To Explore of Worksheet 3:2	
3	The Plight of Mono Lake (Finish Time To Explore and Putting It All Together)	3:2				Finish “Putting It All Together” of worksheet 3:2 if time does not permit for completion in class	
4	Biomes of the World (Think About It and begin Time To Explore)	3:3			Review expectations for gathering research for a jigsaw activity.		
5	Biomes of the World (Complete Time To Explore and Putting It All Together)	3:3			Review expectations for gathering research for a jigsaw activity	“Earth’s Biomes” of worksheet 3:3	
6	What’s the Relationship?	3:4	Relationships in an Ecosystem			1). Have students identify and describe 3 examples of relationships among different organisms in a given ecosystem 2) Have students compare mutualism to parasitism	

## 8th Grade Science Pacing Guide

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7	Energy Roles in an Ecosystem	3:5	Energy Roles			“What’s the Role?” of worksheet 3:5	
8	Constructing Food Chains	3:6			Review the different energy roles in an ecosystem	“What’s for Dinner?” of worksheet 3:6	
9	Food Webs	3:7	Marine Food Web		Review the energy roles and food chains		
10	Energy Pyramids	3:8	Marine Energy Pyramid		Review the relationship of food chains and food webs		
11	Do You Cycle Too?	3:9	The Water Cycle The Carbon Dioxide/Oxygen Cycle The Nitrogen Cycle			1) Have students write a paragraph explaining how each of the 3 cycles is driven by energy from the sun 2) Students review lessons 3:1 through 3:9 for Unit Test 3:1	
12							Unit Test 3:1
13	How Resourceful Are You?	3:10					