

Naturalist Outreach Lesson Plan

Matth	ew Kiszla	ı	Grades: 6-12 Date. pic/Lessons: Biocontrol		b19	
Objectives		- 1			& N	ational Documents
Student will be able to: Identify the general mechanism of biocontrol, identify common biocontrol agents, and utilize biocontrol at home.			Alabama Course of Study: Science     9-12 Unity and Diversity :14 <u>AHSGE/Exit</u> Standards & Eligible     Content:			National Science Standards:9-12 Life Science: Behaviorof organismsAssessment: PowerPointPresentation
COS Content Standard			Materials/Resources		Assessment	
8. Construct an explanation to predict patterns of interactions in different ecosystems in terms of the relationships between and among organisms (e.g., competition, predation, mutualism, commensalism, parasitism).		x Hands-On Materials		Homework		
			Multimedia Materials			Test/Quiz
			Computers/notebooks/P	DA	Х	Project
			Web sites		Х	Participation
			Software		Х	Class work
			Overhead Masters		Х	Presentation
			Workbook/Handouts		Х	Oral Responses
		х	Other Equipment/Suppli	ies	Х	Teacher Observation
			Guest Speakers		Х	Self Evaluation
			Maps			Group Evaluation
			Lab equipment			Portfolio
			Text:			Other (Journal Entry)
<i>Equipment needed</i> Have paper, termites, various writing	Demonstr	Instructions				Strategies (small group, pairs) roups of 2-3 students to conserve
	and then ask for the theory behind the effect. Tie the use of pheromones, the cause of the effect, to biocontrol.					
Assignments	<b>Background/Preparation</b>			Special		
Class work: Termite Project	ecology.	ld have knowledge of basic	Integration with other disciplines: Writing (W.9-10.2), chemistry			
<i>Guided practice:</i> Guide students through testing pens	Resources: - Bug Lady Consulting, a biocontrol firm.			Remediation Activities:		
Reading: Text/ Articles/ Other Papers on biocontrol examples Writing:	http://ww ications.h	ugladyconsulting.com/Publ tate Integrated Pest	Enrichment Activities/Extensions: Develop a presentation on biocontrol.			
Prepare a PowerPoint	https://nysipm.cornell.edu/environment/					
Homework: biocontrol/bio   Presentation on an example of biocontrol biocontrol/bio   that students would be able to implement around the house.   Technology Integration: Integration			iocontrol-resources/ Spe Tesi Pep Cart Ado		Special Topics/Schedules    Sesting: Activity: Assembly:   Pep Rally: Media/PR: SAC:   Career Education: Character Ed: Adopt-A-School:	
PowerPoint: Students will develop Power Websites: <i>Total Duration:</i> Lesson from 20 to 40 min			-	uture cla	iss p	eriods.