



Charters Valley High School
Lesson Plans



Special Education Grades 9-12

Instructor: Mrs. Zieger	Course: Environmental Science Period # /
Objective(s): The Students will...	Explain how an organism's adaptations help it to survive.
Related Curriculum Standard:	4.7.4 Know that adaptations are important for survival
Activities/Procedures:	<p>Monday -</p> <ul style="list-style-type: none">* Present the following question on the board - What does the word "adaptation" mean?* Discuss adaptations* Give each student a piece of white paper. Have each student design a Butterfly that they will have to place somewhere in the classroom. The idea is that the Butterfly should blend into its environment.* The students will then leave the classroom and one-by-one hide their Butterflies. Their classmates will then attempt to locate the Butterflies.

<p>* This lesson may carry over to two days.</p>	<p>* Expand the "Adaptation" discussion - Prompt on the board - What animals do you think you would find in or surrounding our Three Rivers here in Pittsburgh? What type of adaptations do they have and why?</p> <ul style="list-style-type: none"> - Discuss fish: <ul style="list-style-type: none"> Bottom feeders - Shape of the mouth. Top feeders - - Discuss birds: <ul style="list-style-type: none"> Wing span Beak length and shape etc...
<p>Materials(resources):</p> <ul style="list-style-type: none"> * Paper * Colored Pencils * Scissors 	<ul style="list-style-type: none"> • Science textbook • Science notebook • Science folder/portfolio • Science work packet • Science World Magazine • Writing Utensil (student owned) • Internet • CV Library • AUC video library • Teacher-made materials & resources
<p>Assessment:</p>	<ul style="list-style-type: none"> • Teacher Observation • Weekly notebook & packet checks • Participation rubric checklist • Quiz - • Test - • Project - <p>* Discussion</p>
<p>Homework:</p>	<p>Take notes on birds and other animals near your house.</p>

* Making and hiding the Butterflies was prompted by a lesson in the Science Explorer: Prentice Hall 2002
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 The remainder of the lesson was designed by Danielle Zieger B.S.E.