

"Biology is the Best"

A Lesson Plan for High School Biology
Students

Overview	Students will research and collect data about their chosen topic and create an in-depth and elaborate Prezi slideshow presentation.
Objectives	The students will be able to create a Prezi slideshow presentation after having researched their chosen topic. Potential topics include, but are not limited to, the Galapagos Islands, genetics, the flow of matter, nutrients, and energy within ecosystems, Charles Darwin and the theories of evolution, cyclic functions within ecosystems, mitosis vs. meiosis, diseases, bacteria, viruses, and animals or plants.
Standards	<p>B1: Students work with the concepts, principles, and theories that enable them to understand the living environment. They recognize that living organisms are made of cells or cell products that consist of the same components as all other matter, involve the same kinds of transformation of energy, and move using the same kinds of basic forces. Students investigate, through laboratories and fieldwork, how living things function and how they interact with one another and their environment.</p> <p>B2: Students gain understanding of how the scientific enterprise operates through examples of historical events. Through the study of these events, they understand that new ideas are limited by the context in which they are conceived, that these ideas are often rejected by the scientific establishment, that these ideas sometimes spring from unexpected findings, and that these ideas grow or transform slowly through the contributions of many different investigators.</p>
Materials	<ul style="list-style-type: none">• Computer for research and using Prezi• Library of some way of researching students chosen topic• Rubric (teacher's use)

<p style="text-align: center;"><u>Procedures</u></p>	<ol style="list-style-type: none"> 1. Review the basic concepts regarding Prezi : slide, layout, views (normal, outline etc) 2. Review the toolbars and icons needed to complete the assignment; standard, formatting, common tasks, etc. 3. Start Prezi and have students create a blank presentation 4. Using the research that the student has previously completed, create a slideshow presentation on Prezi. 5. The students come up with a way to involve the class (an interactive game or worksheet) 6. Have students “teach” their topics to the class. 7. Teacher completes rubric and grades students on their Prezi presentations.
<p style="text-align: center;"><u>Evaluation</u></p>	<p>Assessment is based on an established rubric. The teacher will follow the A,B,C's of slideshow presentations:</p> <p>A = Appropriate topic B = Busy the student does not put too much information on any one slide C = Consistent (the student does not change fonts, text color or transitions)</p> <p>While the students are presenting take notes on how they are presenting and the facts that they have found. Complete the rubric with the ABC's of a slideshow on Prezi.</p>

Sources Used:

1. <http://www.lessonplanspage.com/CICreatingPowerPointPresentations1112.htm>
2. <http://dc.doe.in.gov/Standards/AcademicStandards/StandardSearch.aspx>