



# Ecology Lesson Plan

Grades 9-12

<b>Overview:</b>	Students develop an understanding of the relationships between organisms and the environment.
<b>Objective:</b>	Using Smub.it, the students will compile sources to write a paper about the different relationships possible in an ecosystem.
<b>Standard<sup>1</sup>:</b>	Principles of Biology <b>B.1.43</b> Understand that and describe how organisms are influenced by a particular combination of living and non-living components of the environment
<b>Materials:</b>	Access to a computer with internet access and word processing program
<b>Procedure:</b>	<ol style="list-style-type: none"><li>1. Give an explanation about the different components that create an ecosystem.</li><li>2. Allow the students to choose an ecosystem type and organism that interests them for their topic.</li><li>3. Create a Smub.it account to allow for the bookmarking of all of their sources.</li><li>4. Using the sources that the students gathered, students will create a hypothesis about the relationship between an organism and its ecosystem.</li><li>5. Allow them to start working on the paper if the hypothesis is acceptable.</li></ol>
<b>Evaluation:</b>	To check that the students work is their own their work will be sent through a plagiarism checker. The paper will also be checked against the sources to see how well the student consolidated the information. This is all done after their Smub.it bookmarks pertaining to the topic are shared with the teacher.

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<sup>1</sup>Standard Adopted from: <http://www.lessonlocator.org/Details.asp?Subject=sci&Grade=B&Stand=1>