

<b>Voo2Do STEM Elementary Lesson: Butterfly Development</b>	
Objective	Students will understand the growth stages of a butterfly and will use Voo2Do
Learning environment	The students are in a grade school and will have access to a computer lab. The time of year for this lesson will be the spring, as student will need access to caterpillars and leaves.
Description of students	Students grades 4 <sup>th</sup> or 5 <sup>th</sup> .
Standards	1a,1b,2a
Materials	Computer, outdoors, a butterfly house
Procedure	<ol style="list-style-type: none"> <li>1. Instructor will read “The Very Hungry Caterpillar” aloud to the class, then he or she will announce the project to the students.</li> <li>2. Instructor will familiarize the student with the Voo2Do software</li> <li>3. The students will collect a few caterpillars and place them in the butterfly house.</li> <li>4. The students will record on Voo2Do the dates and observations they made on those dates.</li> <li>5. After watching the entire process of a caterpillar’s transformation into a butterfly, the students will take all of their observations and make a timeline in the calendar section of Voo2Do to document the processes in reference to the time scheme of the butterfly’s development.</li> <li>6. Students will print turn their calendars from Voo2Do and turn them into the instructor.</li> </ol>
Evaluation	Students will be graded on the completeness of their observations both in their notes and final calendars. They will be graded on accuracy, the final calendar, and their attention to detail.