

# Unit Course Assessment Report - Four Column

## San Mateo CCCD SKY Dept - Biology

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**Coordinator:**

Course Outcomes	Means of Assessment & Success Criteria / Tasks	Results	Action & Follow-Up
SKY Dept - Biology - SKY BIOL 101 - Our Biological World - Scientific method - Demonstrate an understanding of the scientific method and the ability to use appropriate models to solve problems. (Created By SKY Dept - Biology) <b>Assessment Cycles:</b> 2012-2013 <b>Start Date:</b> 08/01/2006 <b>Course Outcome Status:</b> Active	<b>Assessment Method:</b> Weekly lab reports. Assessment: 15-point lab post test.  <b>Assessment Method Category:</b> Other <b>Success Criterion:</b> Class average =>11	12/30/2011 - Final Ave=6.4 <b>Result Type:</b> Criterion not met <b>Reporting Cycle:</b> 2011 - 2012  <b>Related Documents:</b> <a href="#">BIOL 101_reflection.doc</a>	09/10/2012 - More students missed quizzes when these were changed from in lab to WebAccess. Need to make reminders for students.  <hr/> 09/08/2012 - Lab instruction was changed to include intro lecture?We'll go back to the previous procedure
		12/30/2009 - Final Ave=11.0 <b>Result Type:</b> Criterion met <b>Reporting Cycle:</b> 2009 - 2010	
		12/31/2006 - Final Ave=9.8  <b>Result Type:</b> Criterion not met <b>Reporting Cycle:</b> 2009 - 2010	09/10/2012 - Modify lab instrux to emphasize studying AND attendance.
SKY Dept - Biology - SKY BIOL 101 - Our Biological World - Knowledge - Apply the knowledge of biological science to distinguish between observations, inferences, relationships, and testimonials under investigation. (Created By SKY Dept - Biology)	<b>Assessment Method:</b> Term paper, including personal observations, of an animal at a zoo or aquarium. Assessment: Scoring rubric (50 points)  <b>Assessment Method Category:</b> Capstone Assignment/Project <b>Success Criterion:</b>	04/23/2012 - Scale: 4(excellent) to 1(needs work) Assignment fulfilled 3.3 Comprehension 2.4 Analysis and audience 2.9 Organization and audience 2.6 Overall: 46%=>40 <b>Result Type:</b> Criterion not met <b>Reporting Cycle:</b>	09/10/2012 - Provide more practice in reading and specifically answering questions.  <hr/> 09/08/2012 - The biggest problem is getting students to complete the assignment.

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<p><b>Assessment Cycles:</b> 2013-2014</p> <p><b>Course Outcome Status:</b> Active</p>	<p>Criterion: 70% will achieve =&gt;40</p>	<p>2011 - 2012</p> <p>05/30/2006 - 40% scored =&gt;40</p> <p><b>Result Type:</b> Criterion not met</p> <p><b>Reporting Cycle:</b> 2009 - 2010</p>	<p>09/10/2012 - Modify instructions to direct students to answer the required questions.</p> <p>09/10/2012 - Study guide modified to include 1-hour observation, and breaking out animal behaviors by time.</p> <p>05/30/2012 - Provide instructions re answering the questions.</p>
<p>SKY Dept - Biology - SKY BIOL 101 - Our Biological World - Personal/enviro - Demonstrate the ability to use scientific knowledge to assess personal and environmental health. (Created By SKY Dept - Biology)</p> <p><b>Assessment Cycles:</b> 2015-2016</p> <p><b>Start Date:</b> 08/01/2006</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Method:</b> In-class written examinations requiring problem-solving and analysis.</p> <p><b>Assessment Method Category:</b> Exam</p> <p><b>Success Criterion:</b> Criterion: 70% of students will score &gt;=60%</p>	<p>05/30/2011 - 100% of students scores &gt;=60%</p> <p><b>Result Type:</b> Criterion met</p> <p><b>Reporting Cycle:</b> 2011 - 2012</p> <p>12/30/2008 - 50% scored =&gt;50</p> <p><b>Result Type:</b> Criterion not met</p> <p><b>Reporting Cycle:</b> 2009 - 2010</p>	<p>09/10/2012 - Could try using more examples from the textbook</p>
<p>SKY Dept - Biology - SKY BIOL 101 - Our Biological World - Citizenship - Use the scientific knowledge and skills necessary for active citizenship. (Created By SKY Dept - Biology)</p> <p><b>Assessment Cycles:</b> 2016-2017</p> <p><b>Start Date:</b></p>	<p><b>Assessment Method:</b> Science Attitude Survey.</p> <p>Assessment: Students will complete a pre- and post-course surveys.</p> <p><b>Assessment Method Category:</b> Survey</p> <p><b>Success Criterion:</b> Criterion: Students will show a positive</p>	<p>12/30/2011 - 78% increased awareness</p> <p><b>Result Type:</b> Criterion met</p> <p><b>Reporting Cycle:</b> 2011 - 2012</p> <p>12/30/2009 - Students started with a good attitude about Biology and increased 10%. Slightly more(33.1%) students said they recycle</p>	<p>09/10/2012 - Increase awareness about personal responsibility (recycling bins on campus).</p>

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08/01/2006 <b>Course Outcome Status:</b> Active	change in attitude about science after completion of the course.	after the course than before (32.5%). <b>Result Type:</b> Criterion met <b>Reporting Cycle:</b> 2009 - 2010 <hr/> 12/30/2006 - More students (80%) are comfortable w/ science. Majority do not vote, b/c not citizens <b>Result Type:</b> Criterion met <b>Reporting Cycle:</b> 2009 - 2010	