

## Online Resource 7.9 Twelfth-Grade Leveled Success Criteria Examples

12th	Surface	Deep	Transfer
<p><b>Math</b></p> <p>Learning Intention: <i>I will formulate data that extend beyond parametric statistics.</i></p>	<ul style="list-style-type: none"> <li>• Represent data with plots on the real number line (dot plots, histograms, and box plots).</li> <li>• Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages.</li> </ul>	<ul style="list-style-type: none"> <li>• Compare center (median, mean) and spread (interquartile range, standard deviation) of two or more data sets.</li> <li>• Predict areas under the normal curve.</li> <li>• Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).</li> </ul>	<ul style="list-style-type: none"> <li>• Create data sets for which such procedures are not appropriate or sufficient.</li> </ul>
<p><b>English Language Arts</b></p> <p>Learning Intention: <i>I will participate effectively in collaborative structures to discuss and solve challenging problems.</i></p>	<ul style="list-style-type: none"> <li>• Explicitly draw on evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.</li> <li>• Set clear goals and deadlines and establish individual roles as needed.</li> </ul>	<ul style="list-style-type: none"> <li>• Pose and respond to questions that probe reasoning and evidence; ensure a hearing on a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.</li> <li>• Resolve contradictions when possible.</li> <li>• Respond thoughtfully to diverse perspectives; synthesize comments, claims, and evidence made on all sides of an issue.</li> </ul>	<ul style="list-style-type: none"> <li>• Create a set of solutions for divergent and convergent problems that require collaborative discussion and decision-making.</li> <li>• Produce solutions to problems across various contexts that involve multiple decision-making processes.</li> </ul>

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<p><b>Social Studies</b></p> <p>Learning Intentions: <i>I will formulate a position on the scope and limits of rights and obligations as a democratic citizen.</i></p>	<ul style="list-style-type: none"> <li>• Discuss the individual's legal obligations to obey the law, serve as a juror, and pay taxes.</li> <li>• Understand the obligations of civic-mindedness.</li> <li>• Describe the reciprocity between rights and obligations.</li> <li>• Describe how someone becomes a citizen of the United States, including the process of naturalization (e.g., literacy, language, and other requirements).</li> </ul>	<ul style="list-style-type: none"> <li>• Interpret the meaning and importance of each of the rights guaranteed under the Bill of Rights and how each is secured.</li> <li>• Demonstrate the relationship between how economic rights are secured and their importance to the individual and to society.</li> </ul>	<ul style="list-style-type: none"> <li>• Formulate a position on the scope and limits of rights and obligations as a democratic citizen.</li> </ul>
<p><b>Science</b></p> <p>Learning Intentions: <i>I will produce and present a solution to how genetic information may be used to explore common ancestry and diversity.</i></p>	<ul style="list-style-type: none"> <li>• Define fossil record, DNA sequences, anatomical evidence, embryological evidence, and amino acids.</li> </ul>	<ul style="list-style-type: none"> <li>• Explain connections in fossil records and using DNA sequences in understanding ancestry.</li> </ul>	<ul style="list-style-type: none"> <li>• Produce and present a solution to how genetic information may be used to explore common ancestry and diversity.</li> </ul>

The English Language Arts Standards and Mathematics Standards are based off of the Common Core Standards.

The Science Standards are based off of the Next Generation Science Standards.

The History-Social Science Content Standards are based off of the California Department of Education Kindergarten through Grade Twelve standards.