

# Revere High School

## School-wide Rubric for Problem Solving

	<b>Exceeds Expectations</b>	<b>Meets Expectations</b>	<b>Approaching Expectations</b>	<b>Does Not Yet Meet Expectations</b>
<b><i>Knowledge (Gathering data)</i></b>	Demonstrates an understanding of all the concepts, key vocabulary, and processes for the task and links them to previous concepts.	Demonstrates an understanding of almost all of the concepts, key vocabulary, and processes for the task.	Demonstrates an understanding of some of the concepts, key vocabulary, and processes for the task	Does not demonstrate an understanding of any of the concepts, key vocabulary, or processes of the task.
<b><i>Process (Analyzing data)</i></b>	<ul style="list-style-type: none"> <li>-Creatively demonstrates a variety of methods for problem solving, including the use of data manipulation</li> <li>-Demonstrates ability to explain how problem was tested and solved-</li> <li>-Applies innovative approaches to overcome unanticipated challenges</li> <li>-Written work is complete, detailed, and purposefully organized</li> </ul>	<ul style="list-style-type: none"> <li>-Demonstrates a variety of methods for problem solving</li> <li>-Demonstrates moderate ability to explain how problem was tested and solved</li> <li>-Written work is complete and organized</li> <li>-Usually applies innovative approaches to overcome unanticipated challenges</li> </ul>	<ul style="list-style-type: none"> <li>-Demonstrates partial or incomplete methods for problem solving</li> <li>-Demonstrates rudimentary ability to explain how problem was tested and solved</li> <li>-Written work is not developed and/or organized</li> <li>-Sometimes applies innovative approaches to overcome unanticipated challenges</li> </ul>	<ul style="list-style-type: none"> <li>-Does not demonstrate any methods for problem solving</li> <li>- Is unable to explain how the problem was tested or solved</li> <li>- Has not done the written work.</li> <li>- Rarely overcomes unanticipated challenges</li> </ul>
<b><i>Critical Thinking</i></b>	<ul style="list-style-type: none"> <li>-Develops or follows an organized procedure to make insightful inferences</li> <li>-Verifies and evaluates solutions</li> <li>- Accurately explains and justifies conclusions</li> </ul>	<ul style="list-style-type: none"> <li>- Uses an organized procedure to make inferences</li> <li>- Verifies solutions</li> <li>- Explains results</li> </ul>	<ul style="list-style-type: none"> <li>- Recognizes relationship between problem and learned material</li> <li>- Attempts to verify solutions</li> <li>-Attempts to explain results</li> </ul>	<ul style="list-style-type: none"> <li>- Does not recognize the relationship between the problem and learned material</li> <li>- Is unable to verify solutions</li> <li>- Is unable to explain results</li> </ul>