

## 4D Problem Solving Rubric

Student Name:		Student ID Number:	
Teacher:		Comments:	
Trimester: 1 2 3 Six Weeks: 1 2		Grade: 9 10 11 12 Pre Test      Post Test	
Criteria		Rubric Score	
<b>Define</b> Identification Clarity	<ul style="list-style-type: none"> <li>All key facts are listed</li> <li>Problem stated clearly in a complete sentence</li> <li>Key facts and statement of problem are present</li> <li>Information is organized and neat</li> </ul>	_____ 4 points-Advanced _____ 3 points-Proficient _____ 2 points-Emerging _____ 1 points-Beginning	
<b>Develop</b> Login Prediction Plan	<ul style="list-style-type: none"> <li>Assumptions and/or resources needed for solution are included</li> <li>Complete list of steps to solve problem is present</li> <li>Solution steps listed in logical order</li> <li>Possible prediction of a solution or why you can't predict is present</li> </ul>	_____ 4 points-Advanced _____ 3 points-Proficient _____ 2 points-Emerging _____ 1 points-Beginning	
<b>Do</b> Execution Relationship Solution	<ul style="list-style-type: none"> <li>Use of each step in the plan is shown</li> <li>Correct answer to the problem is identified</li> <li>Conclusion statement is in a complete sentence</li> <li>Work is organized, neat, and labeled</li> </ul>	_____ 4 points-Advanced _____ 3 points-Proficient _____ 2 points-Emerging _____ 1 points-Beginning	
<b>Defend</b> Justification Defense Connection	<ul style="list-style-type: none"> <li>Show how answer was checked</li> <li>Answer is justified with specific reasons</li> <li>How answer relates to the prediction or why it makes sense is discussed</li> <li>Complete sentences used in all defense statements</li> </ul>	_____ 4 points-Advanced _____ 3 points-Proficient _____ 2 points-Emerging _____ 1 points-Beginning	
<b>Composite Score:</b>			