


Date \_\_\_\_\_ Subject \_\_\_\_\_

Name \_\_\_\_\_

# Observation of Cross-Curricular Competency Development

Intellectual CCC: To Solve Problems

\_\_\_\_\_ demonstrates competency development in a variety of contexts. ▼  
 (Student's Name)

Key Features	In the classroom...	Context 1 ▼	Context 2 ▼	Context 3 ▼
<p><b>Analyzes the components of a situational problem</b></p> <ul style="list-style-type: none"> <li>▶ Identifies the context and the main elements of the situational problem and makes connections among them</li> <li>▶ Recognizes similarities to situational problems solved previously</li> </ul>	<p>Whether teacher-posed or real-life, the student is able to define a problem and identify the key elements of the situation by calling upon his or her previous experience.</p>			
<p><b>Tests possible solutions</b></p> <ul style="list-style-type: none"> <li>▶ Lists and classifies possible solutions</li> <li>▶ Considers the appropriateness of each solution and its requirements and consequences</li> <li>▶ Chooses a possible solution, applies it and evaluates its effectiveness</li> <li>▶ Chooses and tests another possible solution if necessary</li> </ul>	<p>The student understands that there are many ways to solve problems and examines many possibilities in order to make an informed choice. He or she can compare the advantages and disadvantages before selecting the solution that seems most appropriate given the context and the resources that are available. After attempting to solve the problem, the student evaluates the effectiveness of his or her methods. He or she remains flexible, trying again, using other means, reformulating hypotheses and sharing ideas with others, until an effective solution is found.</p>			
 <p><b>Adopts a flexible approach</b></p> <ul style="list-style-type: none"> <li>▶ Reviews the steps taken</li> <li>▶ Redoes some of them if necessary</li> <li>▶ Identifies successful strategies and analyzes the difficulties encountered</li> </ul>	<p>The student can reflect on his or her problem-solving process, identifying strategies that were successful and difficulties that were encountered. He or she can apply successful strategies to new problem-solving situations.</p>			