

3.13: Inquiry in Tutorial

Using the Inquiry Process in Tutorials

Higher-level questions are at the heart of the tutorial because they prompt inquiry, a process that enables students to become independent thinkers who master their own learning. Inquiry occurs in the tutorial at Steps 5 and 6 as shown on Handout 1.9b. (You may want to provide students with a copy of this handout for reference.)

Directions: Read the chart, and highlight key concepts of each level of the inquiry process. Use this page as a guide during tutorials, following the steps for each student presenter.

Levels	Description of Inquiry Level	Sample Questions
Level 1	<p>Gather and Recall Information (Gathering/Input)</p> <p>Ask LEVEL 1 questions to identify what student knows about the problem/question and to help him/her connect to prior knowledge.</p>	<p>tWhat do you know about your problem?</p> <p>tWhat does _____ mean?</p> <p>tWhat did you record in your class notes about the lecture?</p> <p>tWhat does it say in the text about this topic?</p> <p>tWhat is the formula or mnemonic device (e.g., P-E-M-D-A-S) that will help you identify the steps necessary to solve the problem?</p>
Level 2	<p>Make Sense Out of Information Gathered (Processing)</p> <p>Ask LEVEL 2 questions to help student begin processing the information gathered, make connections and create relationships.</p>	<p>tCan you break down the problem into smaller parts? What would the parts be?</p> <p>tHow can you organize the information?</p> <p>tWhat can you infer from what you read?</p> <p>tCan you find a problem/question similar to this in the textbook to use as an example?</p> <p>tWhat is the relationship between _____ and _____?</p>
Level 3	<p>Apply and Evaluate Actions/Solutions (Applying/Output)</p> <p>Ask LEVEL 3 questions to help student apply knowledge acquired and connections made to predict, judge, hypothesize or evaluate.</p>	<p>tHow do you know the answer is correct? How could you check your answer?</p> <p>tIs there more than one way to solve the problem? Could there be other correct answers?</p> <p>tCan you make a model of a new or different way to share the information?</p> <p>tHow do you interpret the message of the text?</p> <p>tIs there a real-life situation where this can be applied or used?</p> <p>tCan you explain it in a different way?</p> <p>tCould the method of solving this problem work for other problems?</p>

