**Comparison of Inquiry Teaching Approaches**

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|  | **Problem/Question**  *(Based on Conceptual Understanding)* | **Procedure/Methods**  *(Engagement with Phenomena)* | **Solution/Explanation/Evaluation**  *(Evidence-based Explanations)* |
| Demonstration | Provided to student | Provided to student | Provided to student |
| Directed | Provided to student | Provided to student | Constructed by student |
| Guided | Provided to student | Constructed by student | Constructed by student |
| Open | Constructed by student | Constructed by student | Constructed by student |

Synthesized from:  
“Inquiry Descriptions: Directed; Guided/Bounded; Open,” by Lead Educators, 2008.  
“Types/Levels of Science Activities,” Kathleen Neville’s Professional Development Seminar Presentation, February, 2009.

“Structuring the Level of Inquiry in Your Classroom,” Michael E. Fay and Stacey Lowery Bretz, *The Science Teacher,* Summer, 2008.