



Professional Learning Community Discussion Guide

Teaching Scientific Inquiry: Exploration, Directed, Guided, & Open-Ended By Dr. Judith Sweeney Lederman, Ph.D.

Key points from Dr. Lederman's monograph:

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Key points from Dr. Lederman's podcast:

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Teaching Scientific Inquiry

After reading Dr. Lederman's monograph and listening to her podcast, complete the chart below and list the teacher's role and the student's role as you move through all levels of inquiry.

Level of Inquiry	Teacher's Role	Student's Role
Exploration		
Directed		
Guided		
Open		

Next Steps:

List 3 new practices you will apply in your *NG Science* classroom after studying and discussing the levels of scientific inquiry.

1. _____
2. _____
3. _____