

Introduction

How to Use the Facilitator's Guide

This facilitator's guide is a companion for *Inquire Within: Implementing Inquiry-Based Science Standards in Grades 3–8*, Second Edition, by Douglas Llewellyn. It is designed to accompany the study of the book and provide assistance to group facilitators, such as science leaders, professional development coordinators, peer coaches, mentors, summer science institute directors, or college professors. Along with a summary of each chapter, Douglas Llewellyn has provided activities and explorations to elaborate and reflect on each of the book's topics and discussion questions listed at the end of each chapter.

For small study groups, the facilitator can guide the participants (preservice teachers, practicing teachers, and summer science institute or workshop attendees) through each chapter by engaging in selected activities and discussing the questions within each chapter. For large group sessions, the facilitator can create a half-day or full-day agenda based on the needs and prior experiences of the workshop participants, keeping in mind that some occasions may require multiple days of professional development. Suggested handouts, agendas, and sample workshop evaluation forms are included at the end of this guide.

Additional Resources for Facilitators

Corwin Press also offers a free 16-page resource titled *Tips for Facilitators*, which includes practical strategies and information for guiding a successful workshop. The information in the resource describes various professional development opportunities, principles of effective professional development, characteristics of an effective facilitator, responsibilities of the facilitator, and helpful suggestions to make the workshop or session a success. *Tips for Facilitators* is

available for free download at the Corwin Press Web site (www.corwinpress.com, under "Resources").

A second resource, *Designing Professional Development for Teachers of Science and Mathematics*, Second Edition, by Loucks-Horsley, Love, Stiles, Mundry, and Hewson, also published by Corwin Press, is another valuable aid in planning a framework for instructional improvement.

Additional print, multimedia, and online resources for developing and nurturing inquiry-based science teachers can be found in Resource A of *Inquire Within*, Second Edition (see pages 241–257).