

*Librería*  
***Bonilla y Asociados***  
*desde 1950*



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**Sinopsis**

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This science methods textbook is designed to provide middle and high school science teachers with the skills they need to help students become scientifically and technologically literate. To be successful, beginning teachers must master the basic functions of teaching. They are:

Understanding the purpose of science teaching

Planning science lessons that are engaging and lead to meaningful learning

Managing the science learning environment in ways that emphasize student responsibility

Assessing students science learning throughout the instructional process

Teaching in a way that is both active and personally rewarding.

Once these basic skills have been mastered, then pre-service teachers are ready to tackle the other important topics relevant to science teaching and learning. In order to meet this goal, the authors immediately engage their readers with six introductory chapters on these basic skills. The remaining chapters focus on the foundational areas of science education and strategies for science teaching. Many vignettes and examples of classroom practices are included to reinforce the chapter content. The appendices provide Puzzling Situations, science demonstrations, science laboratory activities, and a scoring key for the science inventory found in Chapter One.