



Secrets to Success for Science Teachers

By Ellen Kottler

Corwin, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Acknowledgments About the Author 1. Design Your Classroom to Create Communities of Learners Explore Your School and Classroom Meet Your Department and Team Investigate Your School and Community History and Customs Access Textbooks and Equipment Plan for Exploration and Experimentation Collect Materials and Resources Investigate Laboratory Space and Equipment Safely Use and Store Supplies and Equipment Establish Your Policies and Procedures Create a Shared Learning Environment Ensure Equity and Fairness Use Appropriate and Neutral Language Involve Parents and Families Begin Each Day Anew 2. Understand Standards to Develop Your Curriculum Consider the History of Science Education Understand the Nature of Science Accomplish Project 2061 Benchmarks for Scientific Literacy Address National Science Education Standards Meet National Science Education Teaching Standards Draw from Academic Disciplines Teach Skills in Experimentation and Investigation Reference Your State Standards Incorporate Your District Expectations Feature Your School Organization and Mission Link References to Develop Curriculum Plan Your Year With a Curriculum Blueprint 3. Emphasize Inquiry Science Use the Inquiry Continuum Involve Students in Doing Science Engage in Hypothesis Testing Promote the Use of the Scientific Method Integrate Scientific Process Skills into...

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