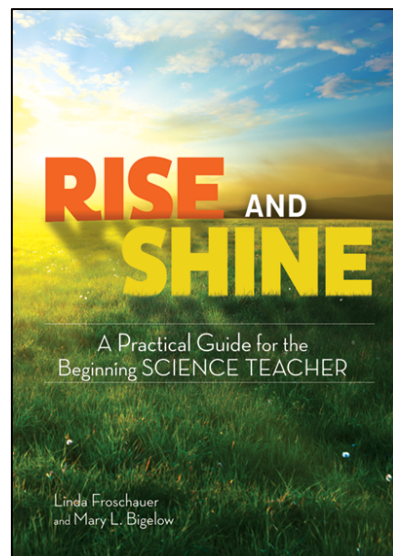


# Rise and Shine: A Practical Guide for the Beginning Science Teacher

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## Summary

*Rise and Shine* provides a friendly support system that new science teachers can turn to in their first days, months and years in the classroom. The book offers widely applicable recommendations about some essential topics:

- What you need to know before you open your classroom door.
- How to create an environment for learning with the help of good classroom management, organisation and student engagement.
- An overview of effective instructional strategies, including differentiation, technology, overcoming misconceptions, inclusion and formative assessments.
- How to make parents your partners.
- How to personalise your professional development.
- How to prepare for your first evaluation.

But you should also note the emphasis on science. The book covers important science-specific topics, such as promoting safety in the classroom and laboratory; arranging your classroom or lab for science; reading, writing and incorporating projects in science; and initiating inquiry from the first day of school.

Sprinkled throughout the book is candid advice from seasoned science teachers who offer both useful strategies and warm resources. *Rise and Shine* is designed to help preservice teachers, those in the first few years of science teaching (regardless of year level) and those who may be entering a new situation within the teaching field. If you need a mentor – or if you are a mentor or instructor who wants to support beginning science teachers – this book is for you.

## Other Resources

- *Science Fair Warm-Up, Teachers Guide: Learning the Practice of Scientists* (NST0966)
- *Reimagining the Science Department* (NST9037)