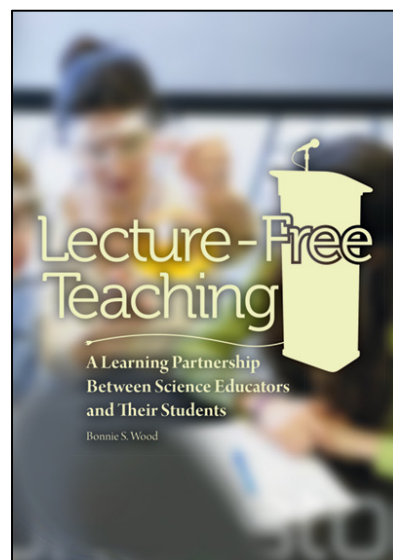


# Lecture-Free Teaching:

A Learning Partnership Between Science Educators and Their Students

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**Date Available:** 12 December 2016  
**ISBN:** 978 1 76001 070 6  
**Code/SKU:** NST0706  
**RRP:** \$45.95  
**Format/Page No.:** A4, 256 pages  
**Year Level:** Tertiary, Teachers and Administrators  
**Focus Area:** Classroom Practice and Direct Instruction, Inquiry Learning, Professional Development  
**Key Learning Area:** Science



## Summary

*Lecture-Free Teaching* provides readers with an innovative alternative to routine lecturing. With the Lecture-Free method, teachers build “learning partnerships” with their students to create flexible, cooperative learning environments. These partnerships lead to engaged students who participate and share ideas through discussions and in-class activities, such as inquiry-based exercises and case studies.

Educators will benefit from author Bonnie Wood’s thorough descriptions of her 13 steps to Lecture-Free Teaching and possible teaching strategies – including a detailed plan for the first day of class and proven assessments and assessment criteria. Administrators within primary, secondary and tertiary education will find research-based support for methods that engage a more diverse population of students than those who traditionally have thrived in science. *Lecture-Free Teaching* will not only prove valuable for science educators and their students but also inspire instructors to devise their own methods for involving students more effectively in the learning process.

## Other Resources

- *Science Stories: Using Case Studies to Teach Critical Thinking* (NST0652)
- *The Case for STEM Education: Challenges and Opportunities* (NST0560)
- *Reimagining the Science Department* (NST9037)
- *Designing Effective Science Instruction: What Works in Science Classrooms* (NST0782)