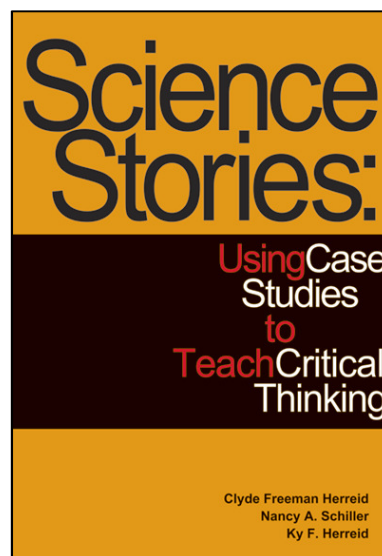


# Science Stories:

## Using Case Studies to Teach Critical Thinking

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### Summary

Stories put "flesh and blood" on scientific methods and provide an inside look at scientists in action. Case studies deepen scientific understanding, sharpen critical-thinking skills and help students see how science relates to their lives. In *Science Stories*, Clyde Freeman Herreid, Nancy Schiller and Ky Herreid have organised case studies into categories such as historical cases, science and the media, and ethics and the scientific process. Each case study comprises a story, classroom discussion questions, teaching notes and background information, objectives and common misconceptions about the topic, as well as helpful references. University-level educators and secondary school teachers will find that this compilation of case studies will allow students to make connections between the classroom and everyday life. *Science Stories* is sure to make science engaging and enlightening for both students and teachers.

### Other Resources

- *Visible Learning into Action: International Case Studies of Impact* (BKD2294)
- *Good Thinking: Teaching Argument, Persuasion, and Reasoning* (SHP8983)
- *Thoughtworks: Teaching Critical Thinking to Middle-Years Students* (HB7474)
- *Newsworthy: Cultivating Critical Thinking, Readers, and Writers in Language Arts Classrooms* (TCP7224)
- *Academic Conversations: Classroom Talk That Fosters Critical Thinking and Content Understanding* (SHP6760)