

2008

## Title Page - Table of Contents

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



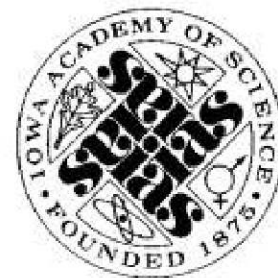
Part of the [Science and Mathematics Education Commons](#)

---

### Recommended Citation

(2008) "Title Page - Table of Contents," *Iowa Science Teachers Journal*: Vol. 35 : No. 1 , Article 1.  
Available at: <https://scholarworks.uni.edu/istj/vol35/iss1/1>

This Front Matter is brought to you for free and open access by UNI ScholarWorks. It has been accepted for inclusion in *Iowa Science Teachers Journal* by an authorized editor of UNI ScholarWorks. For more information, please contact [scholarworks@uni.edu](mailto:scholarworks@uni.edu).



**Volume 35, Issue 1**

**Winter 2008**

# Iowa Science Teachers Journal

## Table of Contents

### Editorial

Teaching as a Sacred Activity  
*Michael P. Clough*, ISTJ Editor .....page 2

### Featured Articles

Tracking Mass: Putting the Thinking in Students' Hands Leads to Deeper Conceptual Understanding of Conservation of Mass  
*Christopher J. Kurtt* .....page 3

Weapons of Mass Instruction: The Teacher's Crucial Role in Promoting a Deep Understanding of Conservation of Mass  
*Matthew Moffitt and Joseph R. Miller* .....page 7

Density with Intensity  
*Michelle State and Laurie McGhee* .....page 11

No Simple Matter: Advice on Leading Students to a Deeper Understanding of the Three States of Matter  
*Sara Whipple and Patrick Rodenborn* .....page 16

**Editor**  
 Dr. Michael P. Clough

**Managing Editor**  
 Joe Taylor

**DISCLAIMER:** Experiments, laboratory exercises, lecture demonstrations, instructional settings, and other descriptions involving the use of chemicals, equipment, and instructional methods are presented in this journal as illustrative and directed at qualified science teachers. Manuscripts are reviewed to monitor the safe use of chemicals, materials, and equipment and to encourage the safe selection of instructional settings and methods, however the Iowa Academy of Science and Iowa Science Teachers Section does not assume any responsibility for the use or recommendations made in its published materials. Before implementing any materials published in this journal, users should carefully read all directions, consider all safety concerns, and make appropriate decisions based upon the age and abilities of the targeted audience. The user of any published materials from the Iowa Science Teachers Journal agrees to hold the Iowa Academy of Science and Iowa Science Teachers Section harmless and waive any and all claims against the Iowa Academy of Science and Iowa Science Teachers Section, their officers, directors, editors, reviewers, members, employees, attorneys, agents, successors and assigns, resulting from any and all liabilities incurred as a result of implementing or attempting to implement any materials and ideas described.