

Iowa Science Teachers Journal

Volume 30 | Number 1

Article 1

1993

Cover - Front Matter - Table of Contents

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



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

Let us know how access to this document benefits you

Copyright © Copyright 1993 by the Iowa Academy of Science

Recommended Citation

(1993) "Cover - Front Matter - Table of Contents," *Iowa Science Teachers Journal*: Vol. 30: No. 1, Article 1.
Available at: <https://scholarworks.uni.edu/istj/vol30/iss1/1>

This Front Matter is brought to you for free and open access by the IAS Journals & Newsletters at 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.

Offensive Materials Statement: Materials located in UNI ScholarWorks come from a broad range of sources and time periods. Some of these materials may contain offensive stereotypes, ideas, visuals, or language.



IOWA SCIENCE TEACHERS JOURNAL

Spring 1993
Vol. 30 (1)

ISSN No. 0021-0676

THE IOWA SCIENCE TEACHERS JOURNAL

The Iowa Science Teachers Journal is co-sponsored by the Iowa Academy of Science and the University of Northern Iowa. The journal is dedicated to the improvement of science teaching and to the stimulation of interest in scientific studies. The journal is published tri-annually.

SUBSCRIPTION

For subscriptions, circulation data, additional copies and change of address, write the Managing Editor, *ISTJ*, Iowa Academy of Science, P.O. Box 868, Cedar Falls, IA 50613. Single copies may be obtained for \$3.00; a year's subscription is \$9.00.

PUBLICATION POLICY

Manuscripts for publication will be received from all individuals interested in science education at any academic level. Preferential treatment will be given to Academy members and to papers with topics of special scientific and educational interest to science educators in Iowa. Student submissions are welcome.

All non-solicited manuscripts submitted to the editor will be reviewed by two authorities in the area concerned. Refer to the Science Notes in the Fall 1992 Vol. 29(2) issue for submission and reference format requirements. Every attempt will be made to publish papers within a year after approval for publication. News items will be published promptly. Publication deadlines are March 31, September 30, and December 31.

For information concerning news items, announcements or articles, contact Carl W. Bollwinkel, Ph.D., Editor, *Iowa Science Teachers Journal*, Department of Teaching, Price Laboratory School, University of Northern Iowa, Cedar Falls, IA 50613; Internet: bollwinkel@uni.edu; PSINet: IAISTJ001@IANET.

Copyright 1993 by the Iowa Academy of Science. Permission to reprint in non-profit journals may be obtained by writing the Editor of the *Iowa Science Teachers Journal*. Permission will be granted with the condition that reprinted articles are accompanied by author and *ISTJ* credit. Requests for commercial use should be addressed to the editor.

Responsibility

Experiments, laboratory exercises, lecture demonstrations and other descriptions of the use of chemicals, apparatus and instruments are presented in this journal as illustrative and directed at qualified teachers. Although every effort is made to insure and encourage safe practices and safe use of chemicals, *ISTJ* cannot assume responsibility for uses made of its published materials. All teachers planning to use materials from our pages should make choices and develop procedures for laboratory and classroom safety in accordance with local needs and situations.

Contents

- 2 **INTERNATIONAL PERSPECTIVES ON SCIENCE
EDUCATION**

Mark A. Grey, Ph.D.

- 10 **TEACHING THE NATURE OF SCIENCE**

Gerald R. Walsh

- 17 **BUILD-A-BODY**

Gail B. Wortmann

Departments

- 20 **ASTRONOMY BULLETIN** 28 **SCIENCE NOTES**

33 **SCIENCE CALENDAR**

The Cover

Conservation Farming

Patricia Wallace

Wallace is a senior Art major
at the University of Northern Iowa.



printed on recycled paper

