Back Matter

The Ohio Journal of Science. v93, n5 (December, 1993), 999
http://hdl.handle.net/1811/23593

Downloaded from the Knowledge Bank, The Ohio State University's institutional repository
The Ohio Journal of Science considers for publication submissions of the following nature:

1. Solicited Submissions - Book Reviews, Research Reviews.
2. Unsolicited Submissions - Brief Notes, Research Reports.

Solicited submissions will be requested by the editor or by a member of the editorial board. Book Reviews will be requested of individuals expert in the subject matter of the book to be reviewed. The approximate length will be 750 words, and the text will include a brief description of the subject matter addressed by the volume, its outstanding points, and any obvious weaknesses. Research Reviews will be requested to serve as extensive surveys of the literature of an area of science in which Academy members have an interest. In general, reviews will comprise five to ten printed pages.

Organization and format of solicited material will be determined by the author(s) and the editorial staff.

Unsolicited submissions, in the form of presentations of quantitative or qualitative data pertinent to any of the sections of the Academy listed inside the front cover, will be considered for peer review. Brief Notes are manuscripts which will be published on less than two printed pages (i.e., less than six pages of typescript) and will contain no more than one piece of illustrative material (i.e., table, figure, or other illustrations). The editor will identify papers which meet these criteria as Brief Notes if not so categorized by authors. Research Reports are papers which will extend beyond two printed pages and which will contain two or more pieces of illustrative material. Regardless of the length of manuscript, unsolicited submissions should be organized according to the following format:

Page 1 - Title, Author(s), Affiliation(s), Abstract
Page 2 and the remainder - Body of the Paper in the order: Introduction, Materials and Methods, Results, Discussion, Acknowledgements, Literature Cited, Tables, Figure Legends, Figures.

Style. The general style of papers previously published by THE OJS should be employed, and can be determined by reading recent issues of THE JOURNAL. Manuscripts should be typewritten with wide margins on 21.5 x 27.9 cm (8.5 x 11 in) paper, and be double-spaced throughout including the title and abstract. The only words to be understated are scientific names. Spell out numbers one through nine and use Arabic numerals above nine. Extensive quotations in the text should be typed slightly indented from the other text. Acceptable symbols and abbreviations for units of measurement should be those of the International System of Units in all cases, with parenthetical reference to English units at the discretion of the author. Abbreviation of journal titles should be supplied by the author, and should follow the CBE Style Manual form. Abbreviations are encouraged to promote clarity. Footnotes to tables are permissible, and all other material or comments must be incorporated into the text. All author(s) should be cited as given in the literature cited section. Figures may be photographs, or hand- or computer-generated line drawings in black ink. For the sake of economy, closely related illustrations should be grouped and mounted close together on white cardboard for reproduction as a single unit; line drawings and photographs should not be grouped together or combined in a single figure. Each figure, or collection of figures in a plate, should be identified along the top edge with name of author(s) and figure number, and on the back with name of author(s) and manuscript title. Illustrations other than those generated by the author must bear permission for use and credit to the originator. ORIGINAL ART WORK WILL NOT BE RETURNED UNLESS A SUFFICIENTLY LARGE NUMBER OF COPIES IS ORDERED. AT TIME OF SUBMISSION, THE AUTHOR MUST SUPPLY A STAMPED SELF-ADDRESSED ENVELOPE FOR RETURN.

The size and proportions of each illustration or group of illustrations should be suitable for reduction to the width and length of the printed page (17.8 x 24.1 cm; 7 x 9.5 in). Care should be taken to minimize the space occupied by any figure, and excessive white space should be avoided. Line drawings should not exceed 20 x 25 cm (8 x 10 in). If carefully drawn, figures need be no more than 33% larger than the size desired in print. Lettering should be done of a size to ensure that it can be read after reduction. On maps and other illustrations where original size is a concern, a graphic scale should be incorporated into the figure. Besides the original artwork for each illustration, two photocopies of each should be submitted to avoid delay in the review process.

Footnotes. Text footnotes should not be used with the following exceptions. A footnote to the title will be added editorially to state the date of manuscript submission and revision. A footnote to name(s) of author(s) may be used to indicate a present address different from that at which the research was done, or to indicate the author to whom inquiries should be directed. All other material or comments must be incorporated into the text. In no case should literature citations be inserted as footnotes. They must be listed in the Literature Cited section. Footnotes to tables are permissible, and are encouraged to promote clarity.

Attention to the above instructions will minimize the need for revision and editorial correction, and will shorten the time from submission to publication.

Any questions which are not answered by these instructions, by examining papers in recent issues of THE JOURNAL, or by the CBE Style Manual, 5th ed., should be addressed to the editor.
Statewide Competency Test for Science

The Ohio Academy of Science commends the State Board of Education for its leadership in proposing a statewide competency test for science. According to the Academy the test should be based on a central set of concepts, principles, processes and skills which demonstrate our current understanding of science. The conceptual framework for this test should be developed and agreed upon by Ohio’s industrial, scientific and education communities represented by the Academy.

The Academy expects the test to break with tradition by emphasizing the processes of science and to utilize alternative methods of assessment such as demonstration of skills and a portfolio approach including essays rather than relying entirely on traditional multiple choice questions.

Demonstration of understanding and practice of these competencies as revealed by the testing program will help teachers prepare students for employment in a technology-based economy and to participate effectively in the development of public policy in a democracy increasingly dependent on public understanding of scientific and technical issues.

This position statement was developed by officers and members of the Academy and approved by the Academy's Executive Committee on September 6, 1991.