

Merit Review Procedures and Criteria for The Journal of Science Education and Technology (JOST)

All manuscripts submitted to JOST will be subject to internal merit review by the editors and external merit review by members of the editorial review board and other qualified individuals. Upon submission, an internal review will be used to judge the need for external review. Following external review, an additional internal review will determine the final disposition.

Internal - Editors' Criteria for Merit

The Editors will use the following criteria to judge the merit of a manuscript:

- Adequacy of the topic in relation to the Aims and Scope and whether it addresses the intersection of science education and technology.
- Strength of the argument for the contribution of the manuscript to what is already known about the topic and reported in the scholarly literature.
- Quality of the work relative to the history of publications in JOST.
- Use of the English language to communicate meaning.
- Applicability to the broadest population of individuals who read JOST.
- Perceived interest to the general readership of JOST.
- Results of the external review.

External - Reviewer's Criteria for Merit

In addition to providing comments, each reviewer will use the following criteria to judge the merit of a manuscript:

- Importance to science and/or technology education in the context in which the study was conducted.
- Overall clarity of ideas and expression.
- Grammatical construction and writing style.
- Construction of research questions.
- Data collection and analysis procedures.
- Consistency and use of literature.
- Strength of argument.
- Interpretation, presentation, and discussion of findings.
- Adequacy of tables and figures.
- Originality and value to the field.
- Importance and timeliness.
- Inclusion of appropriate implications for practice and/or policy.



<http://www.springer.com/journal/10956>

Journal of Science Education and Technology

Editor-in-Chief: Crippen, K.J. - Founding Editor: Cohen,
K.C.

ISSN: 1059-0145 (print version)

ISSN: 1573-1839 (electronic version)

Journal no. 10956