WRITING AN ARTICLE FOR THE ILLINOIS MATHEMATICS TEACHER JOURNAL

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WORKSHOP GOALS

Discuss the process of article submission through publication
Workshop article ideas
  - Start thinking now about an idea for an article you are interested in writing

WORKSHOP GOALS

ABOUT THE IMT

- Official journal of the Illinois Council of Teachers of Mathematics (ICTM)
- Articles intended for teachers of K–16
- Focus on useful tools for teachers
- Located online at journal.ictm.org

CHOOSING A TOPIC

- Identify an original idea that you want to share
  - Approach for teaching a specific concept or practice
  - Insight into curriculum
  - Experience with implementing Common Core
  - Observation about your students’ learning
  - Strategy for improving learning in the classroom

OUTLINE YOUR MANUSCRIPT

- What issue does your idea address?
- What is your new innovation/method?
- How did you put your idea into practice?
- How effective was it?
- What advice do you have for another teacher who may try your idea?
- What are the limitations or possible extensions?

RESEARCHING THE PROBLEM

- Consult the available literature
  - Find out what resources you can access through your library
  - Consider connections to pedagogical theory
- Use Chicago Manual of Style for citations
Evidence of Effectiveness

- Collecting Information
  - Create a rubric
  - Observations
  - Pre-test/post-test
  - Surveys
  - Examples of student work
- Evaluation
  - Qualitative analysis
  - Statistical tools
- Ethics

Review Process

1. Article received by the editors
2. Article sent to reviewers (double-blind)
3. Editors compile and send referee report to author, with one of three decisions:
   - Accept
   - Revise and resubmit
   - Reject
4. Copyediting
5. Layout
6. Publication at journal.ictm.org
7. Inclusion in a complete issue

Reviewer Feedback

Reviewers are asked to evaluate whether:
- The manuscript is of interest to IMT readers.
- The manuscript contributes to readers’ mathematical, pedagogical, or professional knowledge.
- The manuscript offers new insights or ideas, or raises important questions or dilemmas.
- The manuscript is logically organized.
- The manuscript is written clearly.
- The writing (style and grammar) is of high quality.
- The mathematics is correct.
- The manuscript gives specific ideas for improving teaching and learning.

Workshop Activity

- Break into groups
- Present your article topic
- Discuss the questions on the handout

Group Discussion

- For each article idea, discuss:
  - What are some of the potential challenges in communicating this idea through a written article?
  - What tools would be helpful in presenting this idea clearly in a paper? (Pictures? Photographs? Tables?)
  - What are some potential sources of confusion for a reader, and how can those be mitigated?
  - What topics could the author research to place the work in context? Identify any specific resources that may be appropriate.
  - What forms of evidence would be most appropriate?

Contact/Submit

- Visit the IMT website at: journal.ictm.org
- Email the editors at: imt@ictm.org
- Or individually:
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