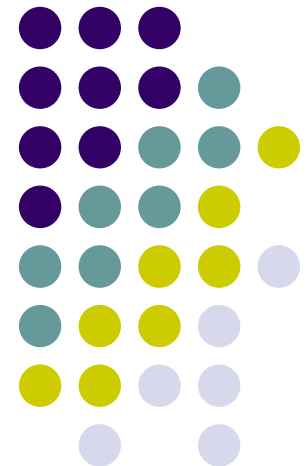


Communicating Our Research Activity: *Canadian Journal of Mathematics, Science & Technology Education Volume 7(4)*

University of Manitoba
Centre for Research, Youth, Science
Teaching & Learning





Nature of the Journal

- Canadian Journal of Mathematics, Science and Technology Education is the first academic journal in this field published in Canada
- Considered a long overdue development in the field
- The journal is an international forum for the publication of original articles written in a variety of styles
- Doesn't have a high subscription rate compared to more established Science & Mathematics education journals
- Indexed in several e-publications
- In its seventh year as a journal
- Has been used for 'clustered' research activity before
- Logical venue for CRYSTAL research dissemination being a Canadian-based international journal

Our CRYSTAL's Journey with CJMSTE



- Call from the Editor, Derek Hodson for the CRYSTALs to provide financial support for the journal
- Decision to support the journal by devoting one volume to our research activity and, in return, pay for the publishing costs
- Costs associated with both translation and actual publishing: as well, multiple copies for dissemination.
- Costs covered through external funding from the Maurice Price & Richardson Foundation
- Call for papers from the co-investigators of the 16 research and development projects in the fall of 2006
- Papers submitted (9) blind reviewed through reviewers identified by CJMSTE or myself
- 23 reviewers representing 8 countries
- Rapid turnaround completed by April 2007

Our CRYSTAL's Journey



- 7 papers accepted for publication
 - Professional Learning Circles for Teachers of Mathematics
 - Student Trajectories in High School Mathematics
 - Teacher Perceptions of Factors Influencing Science Delivery in Francophone-Minority Settings (in French)
 - The Development of a Statistical Instrument for Monitoring Improvement in Science Delivery in Francophone-Minority Settings
 - Community Aspirations for Science Delivery in Inuit Communities
 - Teaching of Grade Four Light Topic Using Historical Context
 - Using Historical Perspectives in an Integrated Grade 5 Unit
- Accompanied by introductory comments from NSERC and the Co-Directors.

Our Encouragement?



- Based on our experience, thus far with CJMSTE we would encourage other CRYSTALS to consider its use as a forum for national/international academic publishing
- Process from the beginning with CJMSTE has been no fuss and prompt
- Costs have been predictable and having external funding has made this opportunity possible
- Provides opportunity for clustered and co-ordinated focus of research activity
- Provides support for a Canadian-based journal
- Our intention is to report again through CJMSTE in latter stages of CRYSTAL
- Focus then entirely evaluative with some consolidation of understanding pertaining to our central theme emanating from our research and development activity.