

PLUS+++

The following material is reprinted from Issue No. 2 of Plus + + +, a short magazine informing mathematics educators across Canada about important events, research, curriculum development and items of national interest.

Canadian Mathematical Society Winter Meeting

(Ottawa, December 14-16, 1979)

Part of the program of the C.M.S. Winter Meeting will be devoted to matters of interest to secondary school teachers as well as university mathematicians. A keynote speaker will be Professor Peter Lancaster of the University of Calgary, who will discuss the role of C.M.S. in promoting the teaching of mathematics and problem-solving in the applied sense in secondary schools. Professor Ed Williams of Memorial University will chair a session of six 15-minute talks on contests and other resources. Professor Ed Barbeau of the University of Toronto will chair a panel, including a teacher and a professor, on the mathematician's role in assisting schools. All those events are planned for Saturday, December 15, 1979, in Ottawa. For further details, write to Professor D.A. Dawson, C.M.S. Winter Meeting, Department of Mathematics, Carleton University, Ottawa, Ontario K1S 5B6.

Samuel Beatty Mathematics Essay Contest

The Beatty Essay Contest is open to Canadian elementary and secondary school students. Sponsored by the Samuel Beatty Fund, established by University of Toronto graduates of

mathematics and physics, the first contest was held in 1978-79 with a first prize of \$200 going to Doug Bonn, a Grade XIII student of Northern C.I. and V.S. in Sarnia, Ontario. Topics and rules for the second contest are obtainable from E.J. Barbeau, Secretary, Samuel Beatty Fund, University College, B201, University of Toronto, Toronto, Ontario M5S 1A1. Deadline for submissions: March 31, 1979.

Waterloo University Contests

Entry deadlines: Gauss contest - May 1, 1980; Euclid contest - March 9, 1980. For reprints of previous Gauss, Euclid, and Junior contests, write to the secretary of the contest at the Faculty of Mathematics, University of Waterloo, Waterloo, Ontario N2L 3G1. Cost: Gauss - \$1.25 for bundle of 10; Euclid, Junior - \$1 for bundle of 10. Contests are administered through provincial chairman.

Mathematical Association of America Mathematics Examination

The sponsors of this contest are the M.A.A., Mu Alpha Theta, Society of Actuaries, N.C.T.M. and the Casualty Actuarial Society. For information about local arrangements, write to the executive director at the Mathematics Department, 917 Oldfather Hall, University of Nebraska, Lincoln, Nebraska 68588, U.S.A.

Fourth International Conference on Mathematical Education

(Berkeley, August, 1980)

ICME will be held at Berkeley, California, from August 10 to 16, 1980. The scientific program examines problems in education at all levels and for every type of learner. Topics of emphasis: universal primary education, research, technology, applications, profession of teaching, relationship of languages and mathematics. For further information, write to ICME IV, Mathematics Department, University of California, Berkeley, California 94720, U.S.A. Specify your language (English, Español, Française)

and level of interest (elementary, secondary, college, teacher training, supervision, university).

Canadian Mathematics Education Study Group

In June, 1979, the C.M.E.S.G. met for the third time at Kingston, Ontario - to discuss preservice and inservice teacher education, mathematization, and research in hand. The group has become more formally organized with an advisory committee and a secretary, Professor Joel Hillel, Department of Mathematics, Concordia University, S.G.W., Montreal, Quebec H3G 1M8, to whom requests for a report on the proceedings should be sent.

Power Play! A Hockey Math Book

Power Play! A Hockey Math Book

by Don Fraser. Toronto: Collier Macmillan Canada Ltd.,
1125B Leslie Street, Don Mills, Ontario M3C 2K2. 122 pp.
Paperback 02991180X \$2.75

There is a hoary joke about a real estate agent who tells a southern belle, "This is a house without a flaw," only to have the puzzled lady respond, "Mah, what do yewall walk on?" The story comes to mind because it would appear that Professor Don Fraser of the Faculty of Education at the University of Toronto has written a book "without a flaw."

Included in the book are 60 fascinating units all built around some aspect of professional hockey. The first 15 units (First Period) deal with the addition, subtraction, and multiplication of whole numbers. In the Second Period, the mathematical ideas considered in the 23 units include division, fractions, decimals, percent, averages and simple probability. The Third Period treats some elementary aspects of data presentation in 12 units, and in Overtime, 10 units of review are given. The 15-page Appendix includes Game Summaries (1978 01 05-18), and Team Rosters. Answers to exercises and an index constitute the last four pages of the book.

Reprinted from Ontario Mathematics Gazette, Vol. 17, No. 2, December 1978.
