

METRICATION

ACTIVITIES RELATIONSHIPS AND HUMOR

K. Allen Neufeld, Editor



METRICATION

Activities, Relationships and Humor

Editorial 3 K. Allen Neufel	Н

PART ONE - GENERAL CONSIDERATIONS

Canada Goes Metric 5 Harold Don Allen
Teaching Metric Measurement 18 David F. Robitaille
28 g of Prevention is Worth 0.454 kg of Cure 23 James M. Sherrill

The Bulletin Board, an Aid to Thinking Metric 33 Irvin K. Burbank

PART TWO - SPECIFIC UNITS

Linear Measurement in the Early Grades 41 Werner Liedtke
Area Measurement 52 James H. Vance
Temperature Measurement 58 James M. Sherrill
Hands-on Workshop Activities 64 Sidney A. Lindstedt
Metric Interest Centres in Secondary Mathematics 69 Thomas E. Kieren

PART THREE - CHARTS, CHRONICLES AND A FINAL BIT OF HUMOR

Scope and Sequence 79 Sidney A. Lindstedt
Metric Update 82 Harold Don Allen
The Case for Cold Turkey: Ala Metric Conversion 86 Willard F. Reese and
W. George Cathcart

Metric Proverbs 90 Agnes Hunt You Can't See the Wood 92 Diana Willment

Line drawings by Norma Larson, ATA

Monograph No.3 is an official publication of the Mathematics Council of The Alberta Teachers' Association. Editor: Dr. K. Allen Neufeld, Department of Elementary Education, University of Alberta, Edmonton, T6G 2G5. Publisher: The Alberta Teachers' Association. Editorial and Production Service: Communications Department, ATA. Address all correspondence about the contents of this publication to the Editor.

Members of the Mathematics Council receive this publication free of charge. Non-members wishing a copy may obtain one by forwarding \$3 to The Alberta Teachers' Association, Barnett House, 11010 - 142 Street, Edmonton, T5N 2RI.

EXECUTIVE, 1974-75

Mathematics Council, ATA

TABLE OFFICERS

President
Vice-President
Past President
Secretary
Treasurer

W. George Cathcart, Edmonton Francis Somerville, Calgary Richard Daly, Edmonton Dennis Treslan, Calgary Donald H. Hinde, Lacombe

APPOINTED MEMBERS

ATA
Department of Education
Faculty of Education
Mathematics Department

Representatives

M.T. Sillito, Edmonton J.H. Jeffrey, Edmonton Mary Beaton, Calgary H.I. Freedman, Edmonton

Directors

Brian Chapman, Lacombe Joan Kirkpatrick, Edmonton Doug McIntyre, Calgary George Stepney, Edmonton Marvin Wiedrick, Grimshaw

EDITORS

Delta-K Ed Carriger, Bluffton Monograph No. 3 K. Allen Neufeld, Edmonton

Membership in the Mathematics Council, ATA, is open to:

- (a) any member of The Alberta Teachers' Association, or any non-member covered by The Teachers' Retirement Fund,
- (b) any certificated teacher in a private school,
- (c) any member of the Department of Education, or of a college or university in Alberta.

The membership fee is \$6 yearly, payable to MCATA, 11010 - 142 Street, Edmonton.