ASSOCIATION

THE ALBERTA

Jelta-k



Volume XIV, Number 1, October 1974

Welcome back

We welcome you back and hope that your teaching experience will be a joyful one throughout this school year. AND we want you to know that MCATA is here to help you in the field of mathematics.

This issue of Delta-K is going to all schools to give teachers and administrators an idea of what MCATA is doing for its members. Of course, in one issue we cannot possibly show everything that is offered - only a small sampling.

In many editions of Delta-K we include special activities which might be useful for reinforcement and/or enrichment in specific areas. Volume XIII, Number 4, June 1974, contains 10 pages of such activities. We will be very pleased to receive similar ideas from YOU - ideas which you have used in your classes and would like to share with your fellow teachers. We will accept any worthwhile idea for print even if it is still in rough draft. Your editor is more than willing to help you make Delta-K a publication for Alberta teachers from Alberta teachers.

Important Notice – Reminder

The Executive Committee recommends the following constitutional changes to the membership. These recommendations will be voted on at the annual meeting, October 25 and 26, in Jasper.

1. It is recommended that the Reporting clause be changed to read:

"This council shall submit annually a written report of its activities and an audited financial statement to The Alberta Teachers' Association by October 1 of each year. The activities reported shall be for the preceding year."

2. It is recommended that the Executive Committee definition be changed to read:

"The Executive Committee shall consist of the officers, one member from the Faculty of Education of a university in Alberta, one member from the Department of Mathematics of a university in Alberta, one member from the Department of Education, the editor of the newsletter, and six directors to be appointed by the officers from the following: editor of the monograph, the chairmen of committees, the

IN THIS ISSUE

NOMINATIONS FOR MCATA EXECUTIVE	2
THINK JASPER - OCT. 25-26, 1974	2
THINK DENVER - APR. 23-26, 1975	2
MATH GAMES WITH A PURPOSE	3
FOUR ANNOTATED BIBLIOGRAPHIES:	
TEACHING FRACTIONS	5
GRAPHING EXPERIENCES	9
INTEGERS IN THE ELEMENTARY	
SCHOOL	13
PROBABILITY IN THE ELEMENTARY	
SCHOOL	16
IDEAS FOR SECONDARY MATH TEACHERS	19

1

presidents of regional councils, members at large, provided that each university representative be appointed for a two-year term and also that the two university representatives not be from the same university and provided that the directors be appointed to ensure that the executive committee includes at least two representatives of each of elementary, junior high and senior high school teachers."

In addition, the Executive Committee recommends a change in the fee structure as follows -

Regular membership \$6 Subscription \$6 Student membership \$3

Nominations for 1974-75 MCATA Executive

President - Dr. W. George Cathcart of the University of Alberta

Vice-President - Francis Somerville of Calgary

Secretary - Dennis Treslan of Calgary

Treasurer - Donald Hinde of Lacombe

As only one person was nominated for each office, the nominees are declared elected by proclamation and will assume office following the annual meeting.

THINK JASPER - OCTOBER 25-26, 1974

MCATA members and other mathematics teachers will gather at Jasper Park Lodge to hear speakers present ideas and challenges to help us improve our classroom presentation of materials and increase our ability to help our students to gain mathematical competency. Among the speakers will be Robert Eicholtz of Addison-Wesley (Canada) Ltd.; Ed Murin, NCTM national representative; Emery Dosdall of the Edmonton Public School Board; Glen Kauffman of Parkland Composite High School in Edson; Thomas D. Baker, retired teacher; Bill Easton of Moyers Publishing; and Dorothy Burton of Bowness High School in Calgary. Detailed information about this conference was mailed to MCATA members and was also published in the September 15 issue of *The ATA News*.

THINK DENVER - APRIL 23-26, 1975

Plan now to attend the National Council of Teachers of Mathematics annual meeting in Denver, Colorado, April 23-26, 1975.

Your Mathematics Council is arranging a group flight to Denver. The discount on air fare for a group is 30%. For more details, please contact:

Dr. George Cathcart Department of Elementary Education Faculty of Education University of Alberta Edmonton, Alberta T6G 2G5

