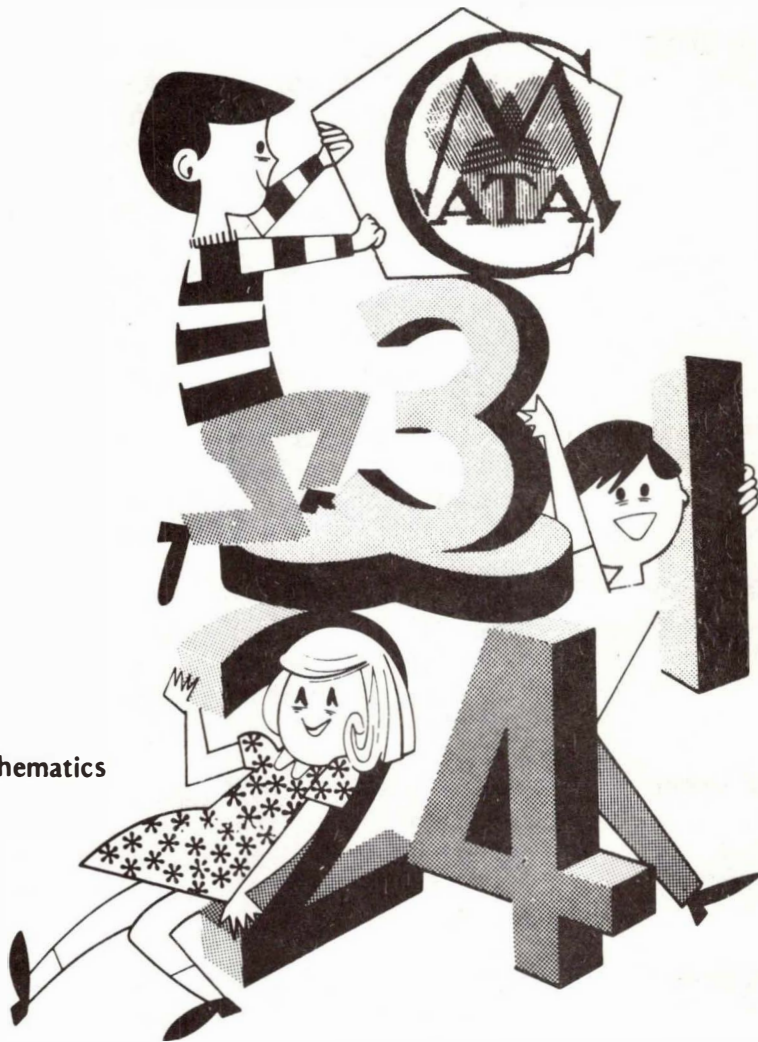


Fifteenth Annual Conference and Business Meeting

Friday Evening, October 3,
and Saturday, October 4, 1975

Calgary Inn
320 4 Ave. S.W.
Calgary, Alberta

Co-Sponsored by
National Council of Teachers of Mathematics



ACCOMMODATION

The Calgary Inn is providing conference rates of \$25 per room (single or double). If you wish to reserve a room at the Calgary Inn, please indicate on the registration form.

WORKSHOPS

Attendance at some workshops is limited. To reserve space in a workshop, you must pre-register, indicating those which you plan to attend.

DISPLAYS

Commercial displays are being set up in the Britannia Room. We welcome contributions of student or teacher projects. To reserve display space please write to our convention registrar.

IDEA EXCHANGE

The idea exchange is new to our program. We hope to provide a platform for the people who have the best ideas, our members. Please write our registrar if you wish to take part or if you know of someone who could contribute. (Deadline Sept. 15)

PRE-REGISTRATION

It is not necessary to pre-register; however, pre-registration insures inclusion in workshops, insures accommodation, and will give you an opportunity to win a book prize.

ADDITIONAL PROGRAMS

Programs may be obtained by writing our registrar.

PROGRAM

Friday, October 3, 1975

8:30 p.m. - Britannia Room

Dr. George Cathcart, President MCATA, 1973-75
Feature Speaker - Chuck Allen
Address - "Motivation Begins with the Teacher"

Chuck Allen, Mathematics Specialist for the Los Angeles City Schools, believes creative teachers are made and not born. If teachers are to motivate their students, then they also must be properly motivated. Pre-service, in-service, and all facets of teacher training must involve the teacher in the same manner as (s)he is to involve the students. Any experience must provide the teacher with a bag full of gimmicks that can be tried tomorrow in the classroom. To do less is to waste the teacher's time.

Presider—Francis Somerville, Conference Chairman

9:30 - Social Activities

No Host Bar in Britannia Room

GREETINGS FROM THE N.C.T.M.

Joan Routledge

Canadian Representative on the
Committee on Affiliate Groups

Saturday, October 4, 1975

9:00 a.m.

BANFF SUITE "Early Childhood Readiness Program"

Speaker—Sue Ditchburn
Presider—Verne Sundstrom
Sue Ditchburn is Assistant Principal and a Division I teacher at Southwood Elementary.

LAKE LOUISE SUITE "Kids and Calculators"

WORKSHOP A - Elementary

Speaker—Dick Holmes
Presider—Lorne Mohr
Dick Holmes is Mathematics Consultant for C.B.E. Participants will try creative exercises with actual calculators. (Limit 30)

MAYFAIR ROOM "Math Art"

WORKSHOP B - Junior High

Speaker—Fred Henning
Presider—Dave Shima
Participants will create artistic designs and receive materials used for this Junior High option.

BEL-AIRE ROOM "The Art of Problem Solving"

Speaker—Dr. Murray Klamkin
Presider—Doug McIntyre
Dr. Murray Klamkin is Visiting Professor of Applied Mathematics at the University of Waterloo. He is a well known authority in this field.

10:00 a.m.

BEL-AIRE ROOM
MCATA Annual Business Meeting

10:45 a.m. IDEA EXCHANGE

Mayfair Room Presider—Dennis Treslan (Senior High)

10:45—11:00 Jake Woloshchuk
"The Experimental Math 35 Program"
11:00—11:15 Ron Dougan
"Phi: Does Mother Nature Know Math?"
11:15—11:30 Dorothy Burton
"Bowness Project"
11:30—11:45 Dennis Treslan
"An Experimental Comprehensive Exam for Math 10, 20, 30"
11:45—12:00 Discussion

Bel-Aire Room Presider—Esther Huck (Professional Services)

10:45—11:00 Joan Routledge—Canadian representative to NCTM—"NCTM Services"
11:00—11:15 Dr. Allen Neufeld "MCATA"
11:15—11:30 Dr. Mel Sillito "A.T.A. (MCATA)"
11:30—11:45 Representative from Department of Education
11:45—12:00 Discussion

Banff Suite Presider—Jim Johnstone (Junior High)

10:45—11:00 Ed Garrish
"A Program for Low Achieving Grade Nines"
11:00—11:15 Marilyn Oginski "Geometry Labs"
11:15—11:30 Dale Fisher
"Enrichment Topics for Grade 7"
11:30—11:45 Jim Barnes "70 Math Projects"
11:45—12:00 Lloyd Kozak "Math in an Integrated Program"

Lake Louise Suite Presider—Ed Carriger (Elementary)

10:45—11:00 Lyle Pagnucco
"Diagnosing Learning Difficulties"
11:00—11:15 Bob Holt "Remedial Activities"
11:15—11:30 Matt Pawluk
"Motion Geometry in Elementary School"
11:30—11:45 Joan Routledge
"Elementary Mathematics in Ontario"
11:45—12:00 Discussion

12:00

Britannia Room - LUNCHEON

1:15 p.m. - Luncheon Speaker—Dr. S. A. Lindstedt

Dr. Lindstedt is presently on leave from the University of Calgary to serve as a Metric Consultant in Alberta Schools.

Presider—Dr. Allen Neufeld, President MCATA 1975-76

2:00 p.m. WORKSHOP C

Banff Suite - "Making Math Fun for Reluctant Learners"

Speaker—Delores Shriner
Presider—Sheila Billing
This workshop is primarily for Division I teachers and is limited to a maximum of 35 participants.

Lake Louise Suite - "Using the Newspaper in Math Class"

Speaker—Joe Miller
Presider—Rosalie Bain
A discussion on an effective program at
Father Brebeuf Elementary.

Britannia Suite - Junior High Session

Speaker—Chuck Allen
Presider—Donald Hinde

Bel-Aire - "Geometry: A Transformational Approach - An
Overview and Comparison to Traditional
Geometry Courses"

Speaker—Jim Nadler
Presider—Dennis Treslan
Jim Nadler is a Mathematics Instructor at Dakota Collegiate,
Winnipeg, Man. He will draw from his experience at the
secondary level.

Mayfair - Some Open Ended Investigations for the Senior
High School Mathematics Classroom.

Speaker—Dr. Alan Gibb
Presider—Jake Woloshchuk
Dr. Gibb is an Associate Dean of Education at U. of C.

3:30 - End

MCATA Executive (1974-1975)

President--Dr. W. George Cathcart
Past President--Dick Daly
Vice-President--Francis Somerville
Secretary--Dennis Treslan
Treasurer--Donald Hinde

CONFERENCE COMMITTEE

Registrar--Pat Beeler
Publicity--Dennis Toews
Entertainment & Hospitality--Ruth
Park
Displays--Lyle Pagnucco, Dave Shima
Program--Rosalie Bain, Esther Huck,
Jim Barnes, Dennis Treslan
Chairman--Francis Somerville

FEATURED SPEAKERS

CHARLES E. ALLEN

Chuck Allen received his B.S. (Magna Cum Laude) from Central State University in Ohio and a M.S. from the University of Southern California. He has taught in Public Schools and lectured at UCLA, USC, Mt. St. Mary's, Wash. State, and University of Oregon. He is a consultant for numerous school districts across the nation and currently Mathematics Specialist for Los Angeles City Schools and a Member of the Board of Directors of N.C.T.M.

Chuck is the author of a number of books including *Daily Chores in Mathematics* (Creative Publications), *Super Math* (Rand McNally) and *Consumer Math* (Rand McNally). He has spoken at many National, State, and Local Mathematics Meetings including the Saskatoon Name of Site. (1972)

DR. S. A. LINDSTEDT

Dr. Lindstedt received his Teaching certificate from Calgary Normal School, a B.Sc. in Math and Physics from U. of A., and a Ph.D. from the University of Wisconsin. He has experience as a teacher, principal, and superintendent in various Alberta schools and systems and for the past 19 years has been a professor in the Faculty of Education at U. of C.

In his new position as consultant for conversion to the metric system, Dr. Lindstedt regards himself as a catalyst to develop a large group of resource teachers who will build "metricated" programs in Alberta schools.