

of a variety of less important facts." (2: 155) It has been said that "one of the great glories of mathematics is the possibility of moving its generalizations from the domain of probability into the domain of certainty within a given structure. It is this task to which we, as math teachers, have been called and at no time in the history of American education has the call been so inviting."

Bibliography

1. Eves and Newson, An Introduction to the Foundations and Fundamental Concepts of Mathematics, New York, Holt, Rinehart and Winston, 1958.
2. Fawcett, Harold R., "Reflections of a Retiring Teacher of Mathematics", The Math Teacher, November, 1964.

MCATA NEWS

1. Membership

The Mathematics Council membership for the 1964-65 year rose to a record high of 567. This represents an increase of approximately 230 over the 1963-1964 year.

2. President Attends Annual Meeting of NCTM

Len Pallesen of Calgary, our hard working president, was our delegate to the Forty-Third Annual Meeting of the National Council of Teachers of Mathematics held in Detroit, Michigan, April 21-24, 1965. On Thursday morning, Mr. Pallesen was presented with our certificate of affiliation with the NCTM.

Also attending this meeting were Mrs. Joan Kirkpatrick (Edmonton Public School Board), T.P. Atkinson, W.F. Coulson, and Dr. L.D. Nelson (University of Alberta, Edmonton).

3. Mathematics Seminars

Two one-day mathematics seminars, sponsored by MCATA, were held

on April 3 in Edmonton and Calgary. W.B. MacLean, Professor of Methods in Mathematics, Ontario College of Education, University of Toronto, was the special consultant at the Calgary seminar. D.M. Mumford, Associate Professor of Methods in Mathematics, Ontario College of Education, University of Toronto, was the consultant at the Edmonton seminar. In all, over 160 teachers in the two areas availed themselves of the opportunity to learn more about the modern approach to Grade X mathematics. Professors MacLean and Mumford are two of the team of authors of "Secondary School Mathematics", the text authorized for Mathematics 10 beginning in September, 1965.

4. Mathematics 341 Films

The major project of the Mathematics Council for the year was the taping of the Math 341 television course on 16 mm films. These were circulated to 16 viewing centres throughout the province where they formed the basis of inservice programs for over 360 teachers.

5. Regional Council Activities

The Edmonton Area Regional Council sponsored two informal discussion sessions for elementary teachers this year. Both meetings were well attended by teachers from Edmonton Public, Edmonton Separate, Griesbach, Namao and the County of Strathcona schools. These are a few of the comments and conclusions from the meetings:

- (1) Further and continuing inservice education is needed - particularly in geometry.
- (2) Primary teachers must continue to use a variety of manipulative materials.
- (3) "Charting the Course for Arithmetic" (W.J. Gage Ltd.) should be read by any teacher using the STA program.
- (4) An interest was expressed in holding regular meetings of this nature next year.

6. Canadian Elected to NCTM Board of Directors

As a result of the 1965 election, John C. Egsgard, C.S.B., of Toronto, Ontario, became one of the three new NCTM directors for the 1965-68 term. Father Egsgard is the first Canadian to

become a member of the executive of the NCTM and members of the MCATA join with other mathematics teachers across Canada in congratulating Father Egsgard on his achievement.

BOOKS FOR YOUR PROFESSIONAL LIBRARY

For the Elementary Teacher:

Swain and Nichols, Understanding Arithmetic, Revised Edition, New York, Holt, Rinehart and Winston, Inc., 1965.

Heddens, James W., Today's Mathematics, A Guide to Concepts and Methods in Elementary School Mathematics, Chicago, Science Research Associates, Inc., 1964.

For the Secondary Teacher:

Whitesitt, J. Eldon, Principles of Modern Algebra, Reading, Mass., Addison-Wesley Publishing Company, Inc., 1964

Moise and Downs, Geometry, Teachers' Edition, Reading, Mass., Addison-Wesley Publishing Company, Inc., 1964.

SOME PUZZLES TO PONDER

The time is between 5 and 6 p.m. In 15 minutes it will be as many minutes before 7 p.m. as it was past 5 p.m. 9 minutes ago. What time is it now?

A coin collector has a set of nine coins identical in appearance but he knows that one is counterfeit and weighs slightly more than one of the genuine coins, which all weigh the same. The man has a scale balance and in two weighings is able to identify the counterfeit coin. How does he do it?

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