

match at all. A common departmental examination for Grade IX will always be a problem because of this. Perhaps it is the duty of every teacher to make sure that the terminology is approached appropriately so that it can be a help, not a hindrance.

Credit is due to Mrs. Freeman for her experimental work prior to the general use of the EMM program. In the 1965-66 and the 1966-67 school years she has taught Grade IX mathematics from EMM 3. She teaches 120 pupils in five classes this year. Two groups we observed seemed to be competent with the mathematical ideas they had met. The results of the Grade IX examination written by last year's classes were encouraging.

It is indeed a pleasure to enter a junior high school mathematics class and observe students and teachers working on mathematical ideas that are significant and important for modern learning. It is somewhat surprising to see Grade VII students interested in clock arithmetic. They are interested not because of its usefulness but because of the mathematical relationships they discover. We distinctly had the feeling that mathematics is being studied for much more than its applications, namely because it is a basically fruitful and enlightening activity. As we listened to the discussion of the arithmetic of the five-minute clock, we were impressed by the idea that every educated person in our society has the basic right to learn about a mathematical system that can be made by using five elements.

IMPROVE YOUR TEACHING OF MATHEMATICS

The two major universities in Alberta are offering this summer, in the category of Continuing Professional Education, non-credit programs in mathematics education for teachers. The programs are essentially the same as those offered in previous years. The material dealt with will be pertinent to junior and senior high school mathematics courses, with specific attention to the newly authorized series of texts for Grades IX and XII. Presentations will be in the form of both lectures and workshops. Listed on the following page are the courses offered.

University of Calgary:

Three weeks, July 3 to 21, 1967
Dr. S.A. Lindstedt, Dr. A.A. Gibb
Classroom teachers

University of Alberta:

Two weeks, July 3 to 14, 1967
Dr. S.E. Sigurdson, Mr. D.B. Harrison
Classroom teachers

Interested teachers should write to the Department of Extension at the university of their choice for further information and an application form. Some school systems grant financial assistance to teachers who improve their competence through such non-credit work.

"In only two or three weeks, you, too, can become a better teacher of mathematics."

AVAILABILITY OF TEACHER'S EDITION OF GRADE IX MATHEMATICS TEXT

STM: The Special Edition of *Seeing Through Mathematics 3* and Teaching Guide to accompany it will not be available until July. Groups of teachers wishing to proceed with inservice preparation should use the Canadian edition of *Seeing Through Mathematics 2*, Part 2, and the American edition of *Seeing Through Mathematics 3*, Parts 1 and 2.

EMM: The Canadian Teacher's Edition of *Exploring Modern Mathematics 3* will be available in the near future. To provide the service rapidly, the publishers are revising only the amended sections of the American edition by "kleen-stick" inserts.

School systems which have purchased the American edition may have the copies replaced by revised copies at no charge. School systems supplied with the American edition at no charge for inservice work may obtain revised editions at the list price less normal discount from the Alberta Textbook Branch.