

The first two articles in this issue address different aspects of teaching mathematics in the classroom. Allen Neufeld focuses on the major goal of enabling students to become strong problem solvers by providing them with various problem-solving experiences. The second article, by Marlow Ediger, addresses the need to consider affective variables in mathematics instruction. We readily accept the need to sequence and plan for achievement in the cognitive domain but all too often forget the importance of the affective domain. Ediger provides some suggestions on how we can focus on the affective domain and thus encourage our students to enjoy their studies.

This issue also contains the traditional sections on recreational mathematics and teaching ideas. Sandra Pulver leads us through an interesting discussion of the subtraction of infinities, while David Duncan and Bonnie Litwiller explore the patterns found through generating geometric sets.

Yvette d'Entremont has adapted a popular television game show and uses it as a highly motivating context for reviewing mathematical ideas in the secondary classroom. I have also included an article that discusses four different calculator explorations for use in the junior high mathematics classroom.

We hope you find the articles interesting, challenging and useful within your own classroom.

We continue to seek articles for upcoming issues of *delta-K*. We are always interested in a variety of articles, but we are particularly interested in innovative teaching ideas to help make the learning of mathematics more interesting, meaningful and enjoyable. Please give some serious thought to what you could contribute to your colleagues across the province. Your ideas are needed and important!

Enjoy!

*A. Craig Loewen*



*This issue of delta-K is dedicated to the memory of Norm R. Inglis, district representative for Calgary District and longtime PEC liaison for the Mathematics Council, who passed away June 27, 1994. Norm's ready wit, visionary wisdom and valuable advice will be sorely missed.*