

EDUCATION 475-5
Designs for Learning: Mathematics
ELEMENTARY

Interession 1988
May 9 - June 17
Tuesday and Thursday
1:00 - 4:50 P. M.
Location: MPX 7500

Instructor: John Trivett
Phone: 688-6184
Office Hours: Tuesday/Thursday,
4:00 - 4:50 P. M.

This course is for PDP students who expect to teach Math from K to 9th grade.

Main concerns will be studies of topics essential to all mathematics learning and teaching in schools, including how to communicate such to young students with mastery and pleasure.

The 1988 B.C. curriculum guide states:

"Math is an integral part of human experience. Reasoning skills developed ... are necessary for all citizens to function productively... The curriculum should therefore, develop understandings based on a sound foundation of concrete experience."

We shall approach this through the 'subordination of teaching to learning', using the powers and gifts all participants, young and old, bring to every lesson. That guarantees growth and acquisition of attitudes and knowings not previously realised!

Students will be expected to become quickly involved in discussion, activities, an individual 'special study', and accept much responsibility for their own learning, investigations, self-evaluations -- vital to all teachers.

The course can not attempt, in 6 weeks, an overview of other approaches to math teaching and learning, although individuals may accept this as a special study, comparing what we do in Inter-session with their own biases.

For any questions as to relevancy of this course to yourself, or for further details, feel free to call John Trivett at 688-6184.

Text Requirements

Set of 8 I Love Math booklets, available in photo-copy form from PDP offices, price \$8.

Text. Optional. but recommended

Trivett, John V. ... And So On: New Designs for Teaching Math, Detselig Press, Calgary, 1981.