

Ed. 475-4 Designs For Learning: Mathematics

Fall 1979

Monday evenings, 4:30 - 8:20 p.m.

First Meeting: September 10, 1979

Place: MPX 8620a

Instructor: Professor John V. Trivett

This course is intended mainly for elementary and junior secondary teachers of arithmetic/mathematics, in a way which is joyful, practical and enduring.

It aims at raising the quality of learning in classrooms which for the students guarantees a much higher understanding and competence in the subject than we have traditionally been led to expect; and for the teachers a more satisfying approach which better uses their energies and professional dedication.

The contents outlined in the B.C. Curriculum guide and the Core Curriculum guide are accepted in the spirit of the 'innovativeness' for the teachers' methods, also urged officially by the Ministry of Education.

Recommendations from those guides as to the essential importance of children 'doing mathematics', the use of 'physical materials and manipulative aids' to act as entries to mathematical studies will be emphasised. Regard will be taken of the needs of various age levels in this.

Meetings will be held in an informal and relaxed climate, with shared discussion and involvement. The Instructor's new book will be used as a source, details of which will be given at the first meeting:

...And So On, a new design for learning the teaching of Mathematics.

Participants will be expected to use in their own classrooms what they develop during Ed. 475 and such will be the foundation for a required written report.

For further details please feel free to contact the Instructor, Professor Trivett (291-4151 or 922-6683).

JVT/ga