

Ed. 475-4 Designs For Learning: Mathematics

Fall 1978

Monday evenings, 4:30 - 8:20 p.m.  
First meeting: September 11, 1978  
Place: AQ 5039  
Instructor: Professor John V. Trivett.

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

It aims at raising the quality of learning in classrooms which for the children 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 "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 emphasized. 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. Wide reading will not be required though a list of recommended books will be available. The instructor's new book will be used as a source, details and copies 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 journal. This will include entries in diary form; records and perhaps examples of children's written work; short essays; the writer's own development of creative mathematics, etc.

For further details please feel free to contact the Instructor, Professor Trivett (291-3166 or 922-6683).

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