

EDUCATION 475-4

Designs For Learning: Mathematics

Intersession 1977

Instructor: Prof. J. Trivett

This course will be of interest to teachers and prospective teachers of elementary and junior secondary school arithmetic and mathematics. To quote Professor Trivett "We shall approach this task through 'the subordination of teaching to learning', using the powers and gifts which all participants bring to every lesson." The main concerns of the course will be how all the topics of the elementary mathematics curriculum can be learned and taught masterfully and with joy.

Texts recommended are What We Owe Children, by C. Gattegno and Games Children Play for Learning Mathematics, by J.V. Trivett.

Requirements: Each participant will concentrate on a special study-project which provides opportunity for special interest and concentration within the spectrum of course content (K-9).

Evaluation of each student's and leader's worth; his/her accomplishments from the course; the expected value of this for a beginning teacher - this goes on all the time. For the more limited purposes of a university grade, extracts will be made from time to time from that continuum of reality, taking into consideration the leaders' views of student participation and their own views of work and growth in learning mathematics and in learning how to teach mathematics in B.C. or elsewhere.

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