

EDUC. 475-4 DESIGNS FOR LEARNING: MATHEMATICS

ELEMENTARY

INTERSESSION 1981

INSTRUCTOR: Prof. John Trivett
Office hours: Mondays/ Wednesdays
10 a.m. - 12 noon

Mondays and Wednesdays 12:30 - 4:20

LOCATION: Campus

The course is mainly for prospective primary and intermediate grade teachers who wish to learn and begin to practice the fundamentals of the learning and teaching of elementary mathematics. The usual contents of the B.C. curriculum will be examined both from a method perspective (how do you teach multiplication, fractions, equations, etc.), from the viewpoint of the mathematics (what are fractions, what is multiplication, etc.) and the role of math in everyone's learning of language and general growth (eg. integration of other subjects, relationship to language arts).

The course will be operated on enjoyable, workshop lines. Students will be expected to:

- a) participate fully in classwork, discussion and homework, studying their own strengths, weaknesses and questions
- b) extend their own math knowledge by working at the subject matter they expect to teach
- c) relate the learning of math to the learning powers of children

REQUIRED TEXTBOOK:

TRIVETT, John V.; . . . AND SO ON - NEW DESIGNS FOR TEACHING MATHEMATICS;
Detselig Enterprises Ltd., Calgary, 1980