SIMON FRASER UNIVERSITY

EDUCATION 475-4
DESIGNS FOR LEARNING: MATHEMATICS
(D 1.00)

TIME: Fall Semester, 1995 (Sept- Nov) INSTRUCTOR: Kanwal Neel
 Fridays & Saturdays

PHONE: (604) 272-0672

LOCATION: Prince George FAX: (604) 668-6509

PREREQUISITE: Education 401/402

COURSE DESCRIPTION: Elementary mathematics can be stimulating for both the teacher and student. Elementary mathematics curriculum has undergone major changes in terms of content and process in the past few years. Hence, this course will be presented through a variety of strategies and activities that will actively engage the learner. A multiple intelligence focus will be emphasized throughout the course.

Topics that will be covered:

*Problem Solving
*Strategies and Activities
*NCTM Standards
*Number and Number Operations
*Estimation and Mental Computations
*Measurement
*Technology
*Data Analysis
*Geometry
*Writing activities
*Historical Topics and Algebra

EVALUATION: Due dates and details will be discussed during the first session. Evaluation will be based on the following:
*Attendance and Participation
*Journal/ Critique Assignment
*Completion and presentation of group game
*Individual Project

TEXT: MATHEMATICS K TO 7 Integrated Resource Package (1995)