

**SIMON FRASER UNIVERSITY  
SUMMER SEMESTER 2007**

**EDUC 476-4**

**DESIGNS FOR LEARNING: ELEMENTARY SCIENCE**

**E300**

**Instructrice: Susan Teed  
courriel: [sueteed@shaw.ca](mailto:sueteed@shaw.ca)**

**Wednesday 5:30-9:20 pm  
EDB 7500F**

---

**<> COURSE OBJECTIVES:**

- students will examine their own beliefs about teaching science and carry out a personal inquiry
- students will challenge science teaching methods, study the latest strategies and propose ways to engage students
- students will build a repertoire of practical skills involving the discovery method (inquiry, problems approach)
- students will develop strategies that encourage participation of all students as well as promote critical thinking
- students will share their thoughts, ideas and experiences with their peers

**ASSIGNMENTS AND EVALUATION:**

1. Unit Plan (30%) This may be done independently or in small groups.
2. Homework questions (15%) Each student will complete and share 3 homework questions.
3. Science Journal (25%) The journal will document an ongoing inquiry that takes place throughout the course. Students will be required to email electronic versions of their journal 3 times during the course.
4. Mini-presentations (20%) Students will present one engaging science activity during the course. This may be done independently or in small groups.
5. Participation (10%) Attendance is mandatory. Each missed class must be made up by completing an extra homework assignment.

Late assignments must be accompanied by a doctor's note.

**REQUIRED READINGS:**

Readings will be provided electronically so students must have email accounts and be prepared to access the Internet regularly.