

Spring Semester, 1980

TITLE: Classroom Practices in Educating Awareness

INSTRUCTOR: John V. Trivett OFFICE: MPX9503 (Phones: 291-3166 and 922-6683)

TIMES: Every Monday, 4:30 to 8:30 PM, commencing January 14, 1980  
Office Hours: Mondays, 3:00 - 4:30 PM, 8:30 - 9:00 PM  
Other times by appointment.

PLACE: MPX8620a

This course will concentrate on what teachers and their students need to do when the emphasis is the development of their individual and combined awarenesses towards themselves, their growth and the subject matter. Applicants are strongly urged to interpret as 'prerequisites equivalent to Ed. 401/402', either Ed. 489-4, 1979-1, 'Educating Awareness: Implications for Educational Practice' (A.J. Dawson), or study in schools with the approach called 'The Subordination of Teaching to Learning' and with previous relevant association with Professors Dawson and Trivett.

The subject matter of reading, spoken language and mathematics will form the basic content, though implications will be explored to Science, Art, Music and other concerns of classroom life. The principles of the approach in theory and practice are integrative, being based on fundamentals of human learning and upon 'algebraic' inter-relationships of content.

While Gattegno's special materials in the various subjects will be used and studied, there will also be an emphasis on what can be done by teachers' improvisations and imaginative invention without reliance on the commercial products.

Efforts will be made to have demonstrations with children, together with existing films and videotapes.

TENTATIVE SCHEDULE:

- Week 1. What is awareness? Summary of learning principles by involvement in some new learning situations.
- Week 2. The acquisition of language by young children. The beginnings of speech, writing, reading, spelling and mathematics.
- Week 3. Mathematics as a language with consequent implications to classroom work.
- Week 4. A scientific approach to the teaching of Reading - "Words in Colour".
- Week 5. The common sense of teaching language - "The Silent Way" English and French, Spanish or Japanese
- Week 6. A second look at mathematics.
- Week 7. A second look at reading, spelling and language arts.

- Week 8. A look at the teaching of science.  
 Week 9. A second look at "The Silent Way".  
 Week 10. Music and geometry  
 Week 11. The awareness approach coming from other sources  
         R. Samples "The Whole School Book"  
         A. Jones "The Reflexive Universe"  
 Week 12. Summary and individual study.

(Cooperative assistance has already been offered by other teachers, especially from those knowledgeable in Science, Music, French, Spanish, and Japanese).

#### COURSE REQUIREMENTS:

Apart from full attendance and participation students will be expected to,

- a) read at least two books from the reading list, with other books and articles according to individual choice of subject concentration.
- b) concentrate on teaching children in at least two subjects, preferably in school-based classes, e.g. Maths & French, Music & English, Language & Maths, Maths & Music.
- c) keep a journal with notes of ideas and activities and individual written work relating to three aspects of the coursework:
  - i) the evening classes
  - ii) reading
  - iii) classwork with children

The journal should receive prior attention over the first 4 weeks of class, though maintained to the end of the course. Priority after about halfway should be given to the writing of an essay on the subordination of teaching to learning, emphasizing details of at least one subject both from the point of view of one's own personal awareness and learning and from the point of view of the students' learning. The journal work will be submitted first at the 5th class meeting, second at the end of the 11th evening. The essay will be required at the 11th meeting.

#### REQUIRED BOOKS:

One book will be required as a text for reading and study by all students:

Gattegno, C. What We Owe Children - The Subordination of Teaching to Learning, Educational Solutions Inc., N.Y. 1974 (LB 1715G3)

At least one of the following will also be required, depending on individually chosen project matter emphasis:

- Gattegno, C. The Common Sense of Teaching Foreign Languages, Ed Sols, N.Y., 1976  
 Gattegno, C. The Common Sense of Teaching Mathematics, Ed Sols, N.Y., 1973 (QA 135.5G34)  
 Gattegno, C. Teaching Reading With Words in Colour, Ed Sols, N.Y., 1967

## RECOMMENDED BOOKS AND ARTICLES:

Each student is strongly recommended to read and study some of the following:

- Gattegno, C. Now Johnny can do Arithmetic, Ed. Sols, N.Y., 1968
- Gattegno, C. The Universe of Babies, Ed. Sols., N.Y.
- Gattegno, C. Of Boys and Girls, Ed. Sols., N.Y., 1975
- Gattegno, C. The Adolescent and His Will, Ed. Sol., N.Y.
- Trivett, J.V. Games Children Play for Learning Mathematics, Cuisenaire Co. of America Inc., New Rochelle, N.Y., 1973
- Trivett, J.V. ... And So On, mimeographed edition, S.F.U., 1979  
(available from instructor)
- Trivett, J.V. The Multiplication Tables to be Memorized or Mastered?, mimeographed edition, S.F.U., 1978  
(available from instructor)
- Trivett, J.V. "Forward to the Basis", Mathematics Teaching, journal of the U.K. association of teachers of maths, June 1977  
(available from instructor)
- Trivett, J.V. "The End of the 3 R's - The Beginning of the New Language Art" Mathematics Teaching, journal of the U.K. association of teachers of maths, Sept. 1978  
(available from instructor)
- Trivett, J.V. "Educating One's Mathematical Awareness", a chapter in Self-Education, forthcoming from S.F.U., Faculty of Education (ed. M. Gibbons)
- Dawson, A.J. "The Self Educating its Awareness" (Gattegno's Science of Education), a chapter in Self-Education, forthcoming from S.F.U., Faculty of Education (ed. M. Gibbons)
- Sandvoss and Trivett Teaching Children Music, Vol. 1, Sharrell Publishers, B.C., (chapters viii, ix), October, 1979
- Samples, R. et. al. The Wholeschool Book, Addison-Wesley, Don Mills, Ontario, 1977
- Pearce, J.C. The Magical Child, E.P. Dutton, N.Y., 1977
- Moskowski, B.A. "The Acquisition of Language", Scientific American, Nov. 1978 (available from instructor)

Recommended Books and Articles (con't)

Stevick, E.W. Memory, Meaning and Method, Newbury House Publishers  
Inc., Rowley, Massachusetts, 1976 (language learning)

Zukar, Gary The Dancing Wu Li Masters, Wm. Morrow & Co.,  
N.Y., 1979 (Science Learning)

Copies of other articles, some published, some prepared for student  
and teacher use at Simon Fraser University, will also be available.