

THE TEACHING COMPANY

a teaching and
consulting firm for
computer education

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"In order to promote a broad, humanistic view of computer education, we believe that teachers of all disciplines should acquire basic skills of programming. To the extent that programming remains the exclusive domain of math/science teachers, we may be limiting the next generation to a narrow, technical view of computers. Fundamentally, we believe that these programming skills are accessible to everyone--scientists and poets alike."
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A WORKSHOP IN COMPUTER LITERACY

- I. BASIC I/O: Introductions and Organization.
- II. STATEMENT OF PURPOSE: Mission Not Impossible.
- III. MEANDERINGS ON HARDWARE: An Overview of the Four Principal Components--CPU, Disk Drive, Printer, CRT.
- IV. SOFTWARE FOR THE IDIOT MACHINE: An Introduction to Word Processing, Data Processing and Computer-Assisted Instruction.
- V. MARCHING THROUGH BASIC TRAINING: A Group Exercise in Writing a Program.
- VI. FOREIGN LANGUAGE DEPARTMENT: Logo, Pascal and 28 Other Flavors.
- VII. TIME FOR A DEMONSTRATION: A Cursory Examination of OUR Program, Word Processing, Computer-Assisted Instruction and Logo.
- VIII. EPILOGUE: Implications for Computerizing--Thou Shalt Be Warned!
- IX. QUESTIONS AND MAYBE ANSWERS: An Open Discussion on Computer Education.

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The Teaching Company evolved from the team teaching of Bill Adams and Steve Bergen in The Joint Project in Computer Education, cosponsored by Concord Academy, ISAM, Wang Laboratories, and The Williamson Group.

Steve Bergen has been a programmer/consultant for The Williamson Systems and Consulting Group in Cambridge--he has installed administrative software at numerous Boston area schools and has designed custom software for the National Association of Independent Schools. Previously, he was Chairman of the Math Department at Wooster School in Danbury CT, where in 1975 he began a program for educational and administrative computing. Steve has an M.A. in mathematics from Wesleyan University.

William Adams is Chairman of the Math Department at Concord Academy. Since 1974 he has been developing computer education at Concord--over 85% of the students now acquire basic skills of programming. Currently, he is creating registrar software for the school. Bill has a Ph.D. in mathematics from Boston University.
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