
Computer Education In Lethbridge School District #51

by
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Computer education has been part of the Lethbridge education system for many years. The first computer facility used was the Hewlett-Packard 2000 at the University of Lethbridge. Schools used a teletype terminal interfaced with the University of Lethbridge computer via telephone lines. The computer was used for computer-assisted instruction (elementary and junior high) and computer programming (junior high). The software was developed by Hewlett-Packard.

In 1980, the school district converted to microcomputers. At present there are 18 APPLE microcomputers and one Northstar. The computers are being used by students at all grade levels for computer-assisted instruction, computer literacy, and computer programming.

In the high school program, computers are being used for computing Science 30. This course is being offered at both of our high schools and has received a very favorable response from students, teachers, and administrators. Computer-assisted instruction will be made available in the coming year in mathematics and science.

All the junior high schools offer computer programming as an option

to the regular program. As yet, computer-assisted instruction has not been introduced to the regular program because of the lack of available hardware.

At the elementary level, computer literacy and computer-assisted instruction are emphasized. Three APPLE computers are moved between schools on a monthly basis. These machines are used for introducing teachers to computer education, and for developing computer literacy for teachers. Two APPLE computers at Fleetwood-Bawden School are used for computer-assisted instruction in elementary mathematics. The ECR Math Drill program, developed at the University of Alberta, is being used for students experiencing difficulty in mathematics.

The primary objective, at all levels, is to make as many teachers computer literate as possible. As teacher computer literacy increases, the integration and expansion of computer education into the regular program will increase. In the near future, teachers will be involved in the development of computer-literacy packages and computer-assisted instruction that is specific to the needs of the school district.

DATE DUE SLIP

DUE EDUC SEP 15 '83

~~DUE APR 30 '84~~

APR 14 RETURN

~~DUE APR 30 '84~~

DUE EDUC MAR 20 '85

APR 01 RETURN

DUE EDUC OCT 10 '85

OCT 10 RETURN

DUE EDUC NOV 28 '85

NOV 18 RETURN

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