

NIPISSING-PARRY SOUND CATHOLIC DISTRICT SCHOOL BOARD

THE INTEGRATION OF COMPUTERS ACROSS THE CURRICULUM

C 15.0
NPS 5-99

POLICY:

In support of the NIPISSING-PARRY SOUND CATHOLIC DISTRICT SCHOOL BOARD's commitment to Catholic education, it shall be the policy of the Board to promote and encourage the integration of computers across the curriculum so that students may have opportunities, to the full extent of their abilities, to become knowledgeable and creative in their use of computers and their related technology. Students and teachers should be motivated to use computers as an integral part of their educational experiences so that they may develop self-confidence and positive attitudes towards the world of technology. All must see that "technical advances serve man and his development and do not dehumanize him or lead him to destruction". Technology "should be valued according to its true worth, i.e. as means of achieving more effectively a higher end, that of facilitating and promoting human perfection..."

(Labour Day Message - 1964 Automation in Do Justice, the Social Teaching of the Canadian Catholic Bishops, p. 105, 107)

The integration of the use of computers into the curriculum is designed to enhance learning in all areas of curriculum to enable students to acquire and maintain a variety of computer skills, to acquire a broad understanding of the present and potential capabilities and uses of computers, and to ensure student adaptability to ongoing changes.

In a computer-enhanced learning environment students can develop a variety of skills such as collecting and retrieving information, analyzing data, collaborating, communicating and problem-solving in order that they may acquire knowledge and take responsibility for their own learning. They must have opportunities to employ the computer as a working and learning tool for a wide variety of tasks and purposes in many different contexts. This commitment to the integration of computers across the curriculum will necessitate a supportive partnership between the learners and the educators who are also co-learners.

This policy reflects the Board's vision, ongoing involvement and financial commitment as it strives to fulfill the mandate to integrate computers across the curriculum.

ADMINISTRATIVE PROCEDURES:

1. The Superintendent of Education will establish a system-wide Computer Planning Committee.
 - a) The membership of the Computer Planning Committee will include representation from the elementary and secondary panels including principals and teachers, the Superintendent of Education, the Manager of the Information Services Department and other staff.

Replaces former Section A11

NIPISSING-PARRY SOUND CATHOLIC DISTRICT SCHOOL BOARD

| THE INTEGRATION OF COMPUTERS ACROSS THE CURRICULUM | C 15.0 NPS 5-99 |
|---|----------------------------|
| <p>b) The functions of the Computer Planning Committee will include:</p> <ul style="list-style-type: none">i) the preparation of the School Board Report and other relevant reports as required by the Ministry of Education and Training;ii) the development of a policy and Board Five-Year Plan for the integration of computers across the curriculum which would be reviewed annually to maintain its currency;iii) the establishment of guidelines for the annual computer budget in line with the recommendations of the School Board Plan;iv) the recommendation of hardware and software purchases based upon suggestions of the School Computer Planning Committee;v) suggestions for system-wide teacher in-service education. <p>2. The principal of each school will establish a School Computer Planning Committee.</p> <p>a) The membership of the School Computer Planning Committee will include the principal, one or more staff to represent a cross-section of the school population and representation from the community.</p> <p>b) The functions of the School Computer Planning Committee will include:</p> <ul style="list-style-type: none">i) the review, development and implementation of a school level policy which will fit inside the broad guidelines of the Board policy;ii) the preparation and submission of School Reports as required;iii) the recommendation of software, hardware, peripherals and adaptive devices to the Computer Planning Committee;iv) suggestions for teacher in-service education;v) the exploration of the possible acquisition of computer resources from the community;vi) the recommendation for budget allocation to departments and programs at the secondary school level. <p>3. Board curriculum committees will include references to the integration of computers in all second generation curriculum documents.</p> <p>4. The board will provide a variety of mechanisms to facilitate the sharing of materials and information developed to support the integration of computers across the curriculum.</p> | |

NIPISSING-PARRY SOUND CATHOLIC DISTRICT SCHOOL BOARD

| THE INTEGRATION OF COMPUTERS ACROSS THE CURRICULUM | C 15.0 NPS 5-99 |
|--|----------------------------|
| <p>a) Strategies for communication include:</p> <ul style="list-style-type: none">i) a newsletter devoted to computer topics;ii) central meetings: those persons who have volunteered to be resource persons on computers for their peers;iii) computer pilot project teacher in-service education;iv) sharing at staff meetings;v) peer coaching as a model for training the volunteer school-level computer resource persons;vi) rotation of responsibilities of the volunteer school-level computer personnel among the staff on some kind of a regular basis so as to create a wide base of both expertise and continuity in each school. <p>5. The Board will annually determine the level of integration of computers across the curriculum through a variety of mechanisms, as outlined in its Five-Year Plan:</p> <ul style="list-style-type: none">a) school objectives;b) long-range plans of staff;c) principal/teacher evaluationd) reporting to parents | |