

FRANÇAIS

ADMINISTRATORS

Celebrate teaching excellence and student achievement.

Read more

STUDENTS | PARENTS | TEACHERS | ADMINISTRATORS | ABOUT THE MINISTRY | NEWS

LEARNING IN ONTARIO

- Preschool
- Elementary and Secondary Education
- Apprenticeships
- Colleges
- Private Career Colleges
- Public Universities

POPULAR TOPICS

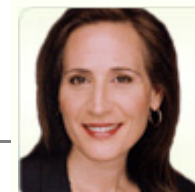
FREQUENTLY ASKED QUESTIONS

- Parents
- Teachers
- Students
- Administrators

PREMIER
DALTON MCGUINTY2006 CENSUS ·
RECENSEMENT**Policy/Program Memorandum No. 116****Issued under the authority of the Deputy Minister of Education****Date of Issue:** September 18, 1992**Effective:** Until
revoked or modified**Subject:** INTEGRATION OF COMPUTERS ACROSS
THE CURRICULUM**Application:** Directors of Education
Principals of Schools**Introduction**

Policy/Program Memorandum No. 113, May 31, 1991, announced that school boards would be required to submit annual planning and progress reports on the integration of computers into all curriculum areas, beginning in 1992.

The present memorandum provides guidelines for school boards to follow when developing their implementation plans for the integration of computers across the curriculum, as well as information on planning at the school level, on the annual planning

MINISTER OF
EDUCATION
**Sandra
Pupatello**

OFFICIAL BIOGRAPHIES

- Minister of Education
- Deputy Minister of Education

JOIN OPEN

- Join the Ontario Provincial Education Network

CONTACT US

SCHOOLS AND SCHOOL BOARDS

LIFE EVENTS



After High School



PREMIER'S KID ZONE



ABOUT ONTARIO

and progress reports, and on audits.

1. **School Board Implementation Plans**

School boards are responsible for developing flexible, long-term plans for the integration of computers into the curriculum. Minority-language sections are expected to develop their own long-term plans reflecting their specific needs. These plans shall be made available to the Ministry of Education upon request.

Each school board shall designate a supervisory officer to ensure the development of the annual plan and to provide schools with appropriate support, as needed, during implementation.

The following information shall be included in the board implementation plan.

a. *Curriculum*

The plan shall outline strategies for:

- the integration of computers into all areas of the curriculum in all schools;
- the development of learning objectives for the use of computers in all grades and in all areas of the curriculum;
- the sharing of curriculum

PUBLICATIONS



GETTING RESULTS



EDUCATION FACTS



RESEARCH IN EDUCATION



EDUCATION LINKS



MINISTRY JOBS



resources among schools,
divisions, departments,
and teachers.

b. *Equity*

The plan shall identify
procedures for:

- ensuring equitable access
for all students to the use
of computers in the
classroom;
- evaluating all software to
determine whether it is
culturally appropriate for
all students, factually
correct, and free from bias
and stereotyping.

c. *Professional development*

The plan shall address:

- activities designed to help
teachers understand the
impact of computers on the
education process;
- staff development
programs to provide
educators with information
on classroom activities,
software applications,
hardware operations, and
resources.

d. *Community partnerships*

The plan shall address the need
to:

- consult with parents and
community members about

board and school plans;

- share information with parents and community members about the implementation process;
- work with parents and community members to plan for the use of computers in meeting the needs of all students.

e. *Special education*

The plan shall:

- identify and allocate computers and resource materials to meet the needs of exceptional students;
- provide a variety of devices, as needed, to assist exceptional students to learn and communicate;
- provide direction for teachers and support staff regarding the uses of computers to meet the special needs of exceptional students.

f. *Acquisition of resources and equipment*

The plan shall address:

- a review of the board's current inventory of computers and related resources in order to allocate resources efficiently and determine

future needs;

- a set of long-range objectives for acquiring sufficient computer hardware to allow every student access to a computer for a minimum of 10 per cent of in-class time;
- the disposal, replacement, and upgrading of outdated equipment;
- the provision of safe and ergonomically suitable environments for the use of computers.

g. Staff support

The plan shall address the need to:

- provide, to the best of the board's ability, both curricular and technical resource staff support to assist teachers, principals, and other staff members in the use of computer hardware and software;
- enable educators to share information and experience within the board and to consult experts outside the board;
- identify teachers who could serve as resource persons during the review, development, and

implementation process.

h. *Evaluation*

The plan shall provide for:

- an ongoing review of the implementation process to ensure progress towards meeting the overall goals of the plan.

2. School Level Planning

Planning at the school level shall reflect and be co-ordinated with provincial and school board plans and policies. Each school should provide the board with a copy of its plan, to assist the board in developing its own overall plan.

Principals are key catalysts for change in schools and are expected to assume an active leadership role in the integration of computers across the curriculum. While they are ultimately responsible for planning and implementation at the school level, they shall carry out these activities in consultation with teachers from all divisions and subject areas, in order to ensure the integration of computers across the entire curriculum.

3. School Board Reports

The School Board Report on Computer Integration, which is being sent to school boards, will form the basis of the annual planning and progress report submitted by each school board.

4. Random Audits

Beginning in the 1993-94 school year, random audits at both the school board and school levels will be undertaken by the Ministry of Education to assess progress in the area of integration of computers across the curriculum.

[HOME](#) | [SITE MAP](#) | [CONTACT US](#) | [FRANÇAIS](#) | [ONTARIO.CA](#)



This site is maintained by the Government of Ontario

[Privacy](#) || [Important Notices](#)

© Queen's Printer for Ontario, 2006

Last Modified: 23/2/06 12:00 PM