

The Winnipeg School Division Technology Outcomes Continuum Guide (K-S1)



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INTRODUCTION

To prepare students to live in a global information-based society, students must learn to think analytically and creatively, solve problems, manage and retrieve information, and communicate effectively. Information technologies present schools and teachers with the opportunity to improve student learning by teaching students to become discriminating consumers and skilled creators of information. Student learning must be focused on information and communication by integrating information technologies into all aspects of the K-S4 curriculum. By frequently interacting with information from a variety of resources, students become active learners who create their own knowledge. A solid foundation of information technology skills will prepare students for a lifetime of learning.

The Technology Outcomes Continuum Guide can also be found on the Winnipeg School Division web site (www.wsd1.org). To promote the sharing of technology integration activities, instructional staff may submit classroom activities relevant to specific technology outcomes via the Division web site. The intention is to provide all educators with access to the integration activities submitted to the Division web site.

FRAMEWORK

The Guide suggested in this document may be adapted to meet the needs of each individual school community. Learning levels are designed to facilitate the teaching of skills under optimum conditions. Students are expected to develop competencies in the following:

Technology Literacy - Learners must have a basic user's understanding of the operation of computer hardware, software, programming, operating systems, keyboarding, input devices, as well as ethical responsibilities and the ability to transfer skills to emerging technologies.

Information Literacy - Learners must be able to locate, analyze and synthesize information, which can be found in on-line databases, multimedia applications, on-line libraries, the Internet and other information resources.

Communication Literacy - Learners must be able to communicate effectively as individuals and work collaboratively in groups, using publishing technologies (word processor, database, spreadsheet, drawing tools...), the Internet, as well as other electronic and telecommunication tools.

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