
For the web version of this newsletter go to www.hrsb.ns.ca/tilt and click on TILT Tips.

IEIE Software

IEIE is an initiative funded by the Nova Scotia Department of Education. We are currently completing year three of a three year Grade 4 to 6 initiative. In 2003/04 over 500 computers were placed in Grade 4, 5 and 6 classrooms in HRSB as part of the provincial IEIE initiative. Each computer had several software programs installed when delivered. These programs include:

- Microsoft Office
- Microsoft Front Page 2002
- Microsoft Publisher 2002
- Inspiration
- Kidspiration
- KidPix

HRSB takes copyright seriously. Technicians can only install authorized software. The software listed above was purchased at exceptionally good prices through a special provincial tender. These prices are available to all schools for the length of the tender. Current software titles and prices are posted on our [IEIE software site](http://www.hrsb.ns.ca/program/eqa/curriculum/techint/iei/software/software.html), <http://www.hrsb.ns.ca/program/eqa/curriculum/techint/iei/software/software.html> which is updated as new information is received from the Department.

Special Situations:

HRSB has a site license for only one product - Deep Freeze. Technicians can install this on any school computers. **ALL** other software is purchased at a per computer cost. You cannot put all software on all computers unless you buy additional copies or licenses.

Take Home Rights:

Microsoft currently gives take home rights for **Office**, **Front Page** and **Publisher**. These rights are matched one-for-one with purchases. If your school has 6 computers with Front Page, then up to 6 teachers have the right to install Front Page on a computer at home. This does not apply to any other Microsoft products. It does not apply to any other software. Technicians will not install or trouble-shoot installation of these programs on your home computer. Technicians do not have software to lend you. Each school received a copy of the programs installed as part of the different IEI rollouts. If school administrators can not find their school copy, contact your TILT team member who will explain procedures for getting a CD for teachers to borrow.



Each of the 2003-04 IEIE computers now has several programs to support Grade 4-6 math initiatives, including:

- Microsoft Excel
- Understanding Numeration
- Understanding Fractions
- Understanding Decimals
- Understanding Integers
- Understanding Exponents
- Understanding Measurement & Geometry
- Understanding Graphing
- Understanding Probability
- Understanding Percent
- Understanding Algebra
- Internet Explorer for web based resources

Nine of the Understanding Math programs were installed on Grade 7-12 Math Pod computers as part of the initial IEI rollout. The Understanding Math series publisher has developed correlations to the current Nova Scotia PSP math outcomes for Grades 4 to 9. These can be downloaded from the [site](http://www.neufeldmath.com/correlations) - <http://www.neufeldmath.com/correlations>.

Although this software is intended to be used in math classes in a variety of ways, teachers are reminded that this software is not the math program and it is not the math textbook.






Teachers could use the understanding math programs to help students meet specific math outcomes, as they would any other resource. The teacher may use a data projector to show students one of the computer activities to introduce a new topic, or as a review activity. Students may use the computer program individually or in small groups as a centre activity or as a scheduled reinforcement activity. The design of the activities requires students to "speak the language of mathematics" as they problem solve through an exercise. Such discussions among students can be a powerful way to reinforce concepts and terminology.

The range of activities enables teachers to provide enrichment activities for high achieving students and reinforcement activities for at risk students up to and including high school level. Arrangements are being made to enable schools to order additional copies for other computers in their schools at the special HRSB/IEIE rate. Principals will be notified when this has been finalized. Unfortunately this resource is not currently available in French.




Weaving Every Branch of Curriculum with Technology

WebCT is a course management system used by several local universities. Through a special professional development license, HRSB has been using it in a variety of ways. WebCT provides a secure password protected environment for teachers to share lesson plans, activities, quizzes and tests. It also provides ways to have asynchronous discussions using an electronic bulletin board and synchronous discussions using an online chat utility. There are some courses teachers can self-register for at any time, once they have a WebCT ID and password.

WebCT has been used to support teachers and administrators in a variety of ways:	
	Several online PD sessions - self paced or facilitated by another teacher using online chat and email tools.
	Online Book Bureau tutorial, secure registration information site, and a document depot for many school administration forms.
	Grade 4, 5 and 6 teachers have access to teacher developed or evaluated resources aligned by grade to math and literacy SCOs.
	Extensive development work on the Reading Records online session offered to teachers from P-2 in preparation for a full day event.
	Over the past two years a number of program staff have used WebCT to support the work of Lead Teams.

To use WebCT, teachers need a WebCT ID and a password. These can be obtained by completing the online registration form. Click on the WebCT logo on the [Interactive Online Calendar](http://www.hrsb.ns.ca/calendars/pd/) at <http://www.hrsb.ns.ca/calendars/pd/>.

There are several courses that accept self registration. Present courses include Outlook, Inspiration, Front Page Beginner, Front Page Intermediate and Excel. Click on the  beside the course, not the link beside the image. The [self registration](http://ilopce.ucis.dal.ca:7900/webct/public/show_courses.pl) site is at: http://ilopce.ucis.dal.ca:7900/webct/public/show_courses.pl.

To begin, you go to the log in page - <http://webct.hrsb.ns.ca> and enter your WebCT ID and password. If you do not have a WebCT ID and password, send your first name, last name, professional number and @staff username to nbarkhouse@hrsb.ns.ca indicating which grade levels or courses you would like to have access to. Secondary teachers who feel some of these resources may be helpful in working with their at risk students are invited to request access as well. Teachers with additional material or preferred sites they feel would enhance this resource are encouraged to [submit](#) this information via email or the online form - <http://hrsbstaff.ednet.ns.ca/tilt/mathlinkfeedback.html>. Please indicate which outcome(s) the links address.



After School and Evening PD for April and May

After school and evening PD sessions are currently being finalized. Check the HRSB [Interactive Online Calendar](#) at <http://www.hrsb.ns.ca/calendars/pd/> for sessions. Featured sessions include:

Integrating a Computer into a High School Classroom - Do you wonder how you could possibly use only one computer in your classroom? Discover ways your students can effectively use a classroom computer in your course.

Getting the Most from the History 11 Website - This session will be led by Wayne Hamilton of the Nova Scotia Department of Education. Explore the site with him and see what resources it has to offer.

EBSCO - Join Sarah Hainsworth of the Nova Scotia Department of Education for this introductory session to EBSCO online databases including searching, saving results, setting up a personal account.

Inspiration to Support Reading - Join Nancy MacDonald of the Nova Scotia Department of Education as she demonstrates how to use Inspiration in Science and Social Studies to support students' reading of textbooks. Teachers should bring a science or social studies textbook which some of their students struggle to read.

IT Integration - Nancy Chisholm of the Nova Scotia Department of Education has developed example sessions for teachers to see and feel how an integrated activity works. The science unit is Space and is suitable for grades 6 and 9; the math unit is transformational geometry, suitable for grades 5 to 8.

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