

Lewiston Public Schools

Technology Professional Development for Educators * Summer 2005

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Sign up for these courses at this web site: <http://www.lewiston.k12.me.us/~resford/prodevel/coursereg.htm>

Title	Description	Grade Level(s)	Dates / Times	Credits / Hours	Location	Outcomes	Instructor/ Facilitator	Technical Notes
iBook Integration for Educators	Have you wished you could have your students work on individual or small group projects using computers in your classroom? Learn how to use the mobile iBook computers now available at Farwell, Longley (new in Sep 2005!), Martel, McMahon, Pettingill and LHS. Students may use these tools to access the Internet, conduct research, create presentations, graph and analyze data, and more with these powerful tools. [This course is a prerequisite for taking other courses that use iBook computers.]	K-6 9-12	Choose ONE 4-hour session: Session 1: June 21 8am-12pm Session 2: June 21 12:30-4:30pm	4 hours	McMahon (tentative)	Participants will learn: - basic operation of iBook computers and the wireless network, - to create, manage, save, print, and find documents, - classroom management techniques, - about the available applications, - to conduct basic searches using the Web, - Internet research techniques, - about additional training and support.	John Robbins, Technology Integrators & Collaborators	iBook mobile lab computers are available at Farwell, Longley (new in Sep 2005!) Martel, McMahon, Pettingill and LHS.
Organizing, Analyzing, & Graphing Data Using Spreadsheets	Technology can be used to help students achieve learning results related to data analysis. Learn how to teach students to use spreadsheets to organize, graph, and interpret data. In the process, discover ways that these skills can enhance and streamline some of your professional tasks as well.	K-6	June 22 & 23 8am-12pm	8 hours	Montello Computer Lab	Participants will: - build spreadsheets for use by students to achieve learning outcomes, - graph data using spreadsheets, - plan for incorporating spreadsheets in their curriculum units.	Darlene Letourneau, Grade 3 Teacher, Martel Elementary School	Participants will use <i>AppleWorks 5</i> on PC desktop computers during this course. The material applies to <i>AppleWorks 6</i> (on the iBook computers) as well.

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<p>Using Technology to Help Your Students Write!</p>	<p>Learn to use <i>AppleWorks</i> and <i>The Ultimate Writing & Creativity Center</i> software in creative ways to help your students write. Using these software applications, students can publish stories, reports, newsletters, journals, and more. In addition to text and artwork, sound, music, and animation can be used. In this course you will learn how to use the features and tools built into the programs, conference electronically with your students, produce a multimedia presentation, and develop and implement lessons that help your students achieve social studies, math, and literacy learning goals.</p>	<p>K-6</p>	<p>Choose ONE 8-hour course: Session I: June 22 & 23, 12:30-4:30pm Session II: June 30, 8am-12pm & 12:30-4:30pm</p>	<p>8 hours</p>	<p>Montello Computer Lab</p>	<p>Participants will produce a multimedia presentation (that they share in class), and produce tasks for students to use in the classroom or computer lab.</p>	<p>Darlene Letourneau, Grade 3 Teacher, Martel Elementary School</p>	<p>The school department has licenses for <i>AppleWorks</i> on all school computers, and licenses for <i>The Ultimate Writing & Creativity Center</i> software on all elementary school desktop PC computers.</p>
<p>Using PowerPoint as an Instructional Tool</p>	<p>Learn how <i>PowerPoint</i> can be used by you and your students to present material in ways that powerfully improve comprehension and understanding. During workshop time you will learn the basic and some advanced features of the program, from creating slides with text and images, to creating hyperlinks to web sites and other slides and embedding <i>Quicktime</i> movies.</p>	<p>9-12</p>	<p>June 27, 28, 29 & 30 8am-12pm</p>	<p>16 hours</p>	<p>LHS Rm B214</p>	<p>Participants will create a <i>PowerPoint</i> presentation for direct instruction or design a project that will lead to student-created <i>PowerPoint</i> presentations.</p>	<p>David Theriault, Social Studies Teacher, LHS</p>	<p>This course will be taught using iBook laptop computers, but <i>PowerPoint</i> is available on all LHS desktop computers and more than half of the LHS mobile iBooks.</p>

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<p>Using iPhoto to Demonstrate a Process or Document Learning</p> <p>[Prerequisite: iBook Integration for Educators]</p>	<p>Suppose you have students take pictures to document a process or event. Or maybe you have taken photos of students during a learning unit or field trip. Learn to use iPhoto software to import those photos onto a computer, edit and organize them, and present them as a slideshow—with or without music—or as a photo book.</p>	all levels	<p>June 27 & 28</p> <p>8am-12pm</p>	8 hours	McMahon (tentative)	<p>Participants will:</p> <ul style="list-style-type: none"> - import photos from a digital camera into iPhoto, - edit photos (crop, enhance color, reduce red-eye, convert to b&w or sepia), - organize photos into libraries, - create a customized slideshow - create a photo book - export a slideshow as a QuickTime movie, - plan for incorporating these tools in curriculum units. 	John Robbins, Technology Integrators & Collaborators	<p>iPhoto software is installed on all iBook and iMac computers available at Farwell, Longley (new in Sep 2005!), Martel, McMahon, Pettingill, LMS, & LHS.</p> <p>Participants will need to borrow (or bring their own) digital cameras to use during this course.</p>
<p>Using AppleWorks Presentation to Present Concepts and to Document Learning</p> <p>[Prerequisite: iBook Integration for Educators]</p>	<p>One engaging way for students to synthesize and present their learning is through creating and sharing multimedia presentations. Don't have PowerPoint software on your computer? Don't fret. AppleWorks 6 has a presentation module that is a great tool for students to use to present their work. Teachers can use it, too, for presenting information to students. Learn to use the program's features and tools as you build a presentation.</p>	K-8	<p>June 27, 28 & 29</p> <p>8am-12pm</p>	12 hours	Martel Rm 113	<p>Participants will create a presentation for direct instruction or design a project that will lead to student-created presentations.</p>	Darlene Letourneau, Grade 3 Teacher, Martel Elementary School	<p>AppleWorks 6 software is installed on all iBook and iMac computers available at Farwell, Longley (new in Sep 2005!), Martel, McMahon, Pettingill, LMS, & LHS.</p> <p>(AppleWorks 5 does not have the Presentation module.)</p>

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Concept Mapping with Kidspiration [Prerequisite: iBook Integration for Educators]	<i>Kidspiration</i> helps students use the power of visual learning to develop their thinking, discover relationships between ideas, and express themselves. Your students' confidence in their thinking and writing skills will grow as they use pictures and words to diagram ideas and concepts, and as they use the program's outlining feature to develop their ideas into organized written documents. In this class you will explore sample projects, and build concept maps both from scratch and using templates. You will plan how to incorporate this tool into units you teach.	K-6	June 27, 28 & 29 12:30-4:30pm	12 hours	Martel Rm 113	Participants will develop: <ul style="list-style-type: none"> • concept maps to use in the classroom, • templates for students use, and • strategies for helping students use visual learning in the classroom. 	Darlene Letourneau, Grade 3 Teacher, Martel Elementary School	The school department has licenses for <i>Kidspiration</i> software for all elementary schools. This course will be taught on iBook laptop computers but is applicable to desktop PCs as well.
Creating Educational Movies with iMovie [Prerequisite: iBook Integration for Educators]	<i>iMovie</i> is easy-to-learn software that engages student interest in presenting their work. Using this software can help students deepen their understanding of concepts, and develop their ability to articulate and demonstrate their knowledge. After looking at a few sample movies, you will dive into building your own. You will learn how to plan and organize a project, and you will learn how to use text, still images, sound, video, and basic special effects in your movies. You will plan how to incorporate this tool into units you teach.	all levels	June 27, 28, 29 & 30 12:30-4:30pm	16 hours	McMahon (tentative)	Participants will: <ul style="list-style-type: none"> - plan an educational movie project, - use a digital camcorder to shoot footage, - import footage from a digital camcorder into <i>iMovie</i>, - edit video footage, - incorporate titles, credits, transitions, effects, and sound in a movie project, - convert a movie into a portable format, - plan a lesson that will incorporate movie-making in an educationally sound way, - showcase their accomplishments to the class. 	John Robbins, Technology Integrators & Collaborators	<i>iMovie</i> software is installed on all iBook and iMac computers available at Farwell, Longley (new in Sep 2005!), Martel, McMahon, Pettingill, LMS, & LHS. Participants will need to borrow (or bring their own) digital camcorders to use during this course.

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<p>Creating Online Lessons</p> <p>(Collecting, Organizing & Posting Web Resources)</p>	<p>Use MarcoPolo and other lesson-plan related web sites to find Internet resources that will help your students achieve learning objectives. Collect and organize web material. Post announcements, assignments, and web links for your students online using your email account. It's as easy as writing an email message!</p>	<p>all levels</p>	<p>Choose ONE 4-hour session:</p> <p>Session 1: June 29 8am-12pm</p> <p>Session 2: June 30 8am-12pm</p>	<p>4 hours</p>	<p>McMahon Computer Lab (tentative)</p>	<p>Participants will explore online lesson plans, stellar interactive Internet content for students, downloadable worksheets, links to panel-reviewed web sites, and additional online resources. Participants will prepare for using Internet resources to enhance student learning, and learn how to post web links for easy access by students.</p>	<p>John Robbins, Technology Integrators & Collaborators</p>	<p>Participants will be able to implement what they learn in this course using any computer, an Internet browser, and their <i>FirstClass</i> email account.</p>