

Implementing Handheld Computers in the Classroom

- Three Day Workshop:** October 2 – 4, 2003
Thursday, October 2 – 10:00am to 4:00pm
Friday, October 3 – 8:30am to 4:00pm
Saturday, October 4 – 8:30am to 1:00pm
- Location:** Grand Rapids Campus – 2333 East Beltline SE
Western Michigan University
- Instructor:** Stephen Best,
GoKnow, Inc.
- Fee:** \$499.00
Participants will receive the workbook Palm Handheld Computers: A Complete Resource for Classroom Teachers, as well as the GoKnow Manual for Implementation of Handheld Computers in Schools.
Lunch and snacks will be provided Thursday and Friday.

Topics Include:

- Overview of handheld computers.
- Benefits of handhelds in education.
- Educational software tools.
- Curriculum Integration.
- Synchronizing handheld computers and installing software.
- Assessment / Management Strategies.
- Finding classroom resources for handheld computers.
- Advanced software resources.
- Setup and management of handheld computers in the classroom.
- Budget, policy and technical considerations for schools.

Graduate Credit and Non-credit Options Available

For More Information Contact:

<http://www.goknow.com> or email: best@goknow.com

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Implementing Handheld Computers in the Classroom

Workshop Syllabus

Dates and Location:

Thursday, October 2	10:00am – 4:00pm
Friday, October 3	8:30am – 4:00pm
Saturday, October 4	8:30am – 1:00pm

Western Michigan University, Grand Rapids Campus (East Beltline)
Room information will be provided to participants prior to the workshop.

Overview:

This workshop will introduce students to handheld computers and potential classroom (K-12) applications for these tools, as well as planning issues and considerations for implementation in the classroom. While these devices have been used for years as “planners” and information managers, their flexibility is now being adapted for use in K-12 schools. We will focus on software for student use and strategies for integrating these tools in the curriculum, as well as policies and technical considerations for use in schools. Participants will be able to demonstrate skill in using a number of educational applications for handhelds, to find and review curriculum specific software for handhelds, to create an implementation plan for handhelds for use in their school or classroom, and lastly, to create a comprehensive lesson plan for K12-students that has students using handheld computers to master one or more benchmarks from the Michigan Curriculum Framework and appropriate ISTE Nets Technology Standards.

Primary Instructor:

Stephen Best
Professional Development Specialist, GoKnow, Inc.
616-863-8778 or best@goknow.com

Course Textbook

The following materials will be provided for students for the workshop:

- Palm Handheld Computers: A Complete Resource for Classroom Teachers (includes CD with Hi-CE Software) By M. Curtis, B. Williams, C. Norris, D O'Leary, and E. Soloway ISBN 1-56481-197-9
- Implementing Handheld Computers in the Classroom comprehensive resource manual from GoKnow, Inc.

Workshop or Course Credit

Participants in the class will be eligible for 1.5 SB-CEU's with full participation in the activities of this three-day workshop. Information regarding processing of SB-CEU's will be available at the workshop.

Participants may also elect to participate in the workshop for graduate credit through Western Michigan University. Participants may elect to register for EDT503 through the WMU Outreach programs (information is available to workshop registrants upon request). Participants who wish to receive graduate credit for this workshop are required to complete additional tasks that will be outlined by the instructors (or are available in advance upon request of the instructors), and are required to pay tuition and fees for the course (tuition for 2 credits).

Workshop Goals:

- Introduce participants to the purpose and benefits of handheld computers in the classroom.
- Introduce participants to curricular and general educational applications for handheld computers.
- Develop skills in the use of various functions and software for the Palm OS handheld computer.
- Identify curricular applications and considerations for educators using handheld computers with their students in the classroom.
- Present participants with information and a critical review process for determining applications of handheld computer programs for classroom use.
- Introduce participants to a comprehensive planning model for the implementation of handheld computers in a school or classroom.

Detailed Schedule:

Day One (October 2) - Introduction to Handheld Computers

- Overview of handheld computers, basic functions, and included software tools.
- Benefits of using handheld computers in education.
- In-depth focus on software tools for the classroom.
- Integrating handheld computers into the curriculum.
- Synchronizing handheld computers and installing software.

Day Two (October 3) – Using Handheld Computers in the Classroom: Strategies and Considerations

- Assessment and management strategies for handheld computers, including an overview of PAAM (Palm Artifact Assessment and Management) system
- Finding classroom resources for handheld computers
- Advanced resources for use of handhelds in the classroom.

Day Three (October 4) - Implementation of Handhelds in the Classroom

- Setup and management of handheld computers in the classroom.
- Advanced software and hardware for curricular use of handhelds.
- Budget and policy considerations for implementing handheld computers on a large scale (classroom or school).
- Technical considerations and resources for using handheld computers in schools.

Technology Requirements:

Participants will be given access to a Palm m130 handheld computer, along with a charging/syncing cradle, and a PC laptop computer with appropriate software loaded. Participants who wish to use their own handheld computer will be provided with an updated software packet with which to install the files onto their handheld computer. Participants who wish to take this workshop for graduate credit will need to have access to a Palm OS handheld computer for assignments that will take place following the workshop. Participants will not have access to the handheld computers provided for the workshop after the last day of the workshop. Individuals who wish to have any documents or files created on the provided computers may request that these files be backed up and transferred to backup media or a handheld of the participant may do so during the course, though these files will likely be erased shortly after the workshop is over.

Software addressed:

This workshop will address the use of the following programs and functions for Palm OS handheld computers. Items from the first column will be addressed in detail, while others will be discussed as optional programs for classroom use:

- Palm Desktop
- HotSync Manager
- Address Book (built-in function)
- Date Book (built-in function)
- To-Do List (built-in function)
- Memo Pad (built-in function)
- PiCoMap
- FreeWrite
- FlingIt
- Cooties
- Sketchy
- Go 'n Tell
- Cells
- IKWL
- Locker
- PAAM
- PrintBoy
- Due Yesterday
- MargiWorks
- Veo Camera and software
- Quizzler
- BeamPro
- Avant Go
- Documents to Go
- Palm Reader
- eBook Studio
- Grant Street SD Deploy!
- ImagiMath
- ImagiWorks Probes and Software

About the Instructor and GoKnow:

Stephen Best, and GoKnow, Inc., have been leaders in working with educators to implement handheld computers in the classroom.

Stephen Best coordinates professional development programs for GoKnow, and is also the Director of Professional Development and Outreach for hi-ce at the University of Michigan. Best has been working with educators and curriculum developers to provide support and resources for educators using handheld computers for over three years, and has been developing similar efforts for various educational technologies for well over a decade. Prior to this, he was a director for the prestigious MAC teacher education program at the University of Michigan, and a middle/high school math and science teacher.

GoKnow, Inc. develops educational software, curriculum, and professional development services for K-12 educators and administrators, focusing on the use of handheld computers. GoKnow is the primary provider of educational software and professional development programs focusing on the use of handheld computers in the classroom. GoKnow is not only involved in the development of software tools and curriculum materials for the use of handhelds, but has also been the leading organization to support wide-scale implementation efforts of handheld computers in classrooms across the nation, including the Learning Without Limits (now "Freedom to Learn") pilot program in Michigan.

3 Easy Ways to Register

1. ON THE WEB

The Conference Flyer is available on the website. The registration form is available in PDF format at www.wmich.edu/conference just print out and complete the form, then mail or fax.

2. FAX

If you are unable to access the website, please complete this form and fax it to: 269.387.4189

3. MAIL

Complete this form and mail to:
Go Know Workshop
Conferences and Seminars
A-115 Ellsworth Hall
1903 W. Michigan Ave.
Kalamazoo, MI 49008-5280

For More Information Contact:
Conferences and Seminars
Phone: 269.387.4174
Fax: 269.387.4189
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REGISTRATION FORM – GoKnow Workshop

Please print or type – duplicate as needed

Name _____

Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail Address _____

Special Needs:

- I would like a vegetable vegetarian meal.
- I am interested in earning State of Michigan Continuing Education Units (CEU's).
- I am interested in earning Academic Credit from WMU.
- I have special needs to accommodate a motor/sensory impairment. (Please call 269.387.4174 at least 1 week prior to the conference about special needs.)

**Please register me for the workshop
(Pre-registration is required):**

Total Amount Due by September 19, 2003

Payment:

Check or money order made payable to
Western Michigan University

Purchase Order # _____

Contact: _____

Visa MasterCard Discover

Charge Card # _____ Exp. Date _____

Authorized Signature _____

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