

# Integrating Technology Into Your Curriculum and Classroom

## Road Map

This is the "**Yellow Brick Road**" to follow for successful completion of this course. It is an overview of what is coming each week. Be sure to check the map to see what you are expected to do each week.

# Week 1: The Beginning Of The Road: Calculating In Your Classroom

(2/27/06-3/5/06)

Objective	Activity	Resources	Assessment	Time
Participants will complete the following activities as a starting point for the course	Read ALL sections 1:1 through 1:7 of the Syllabus (Item 1)	Syllabus - Item 1	Post a note in Item 2: <b>I Have Read It!</b>	0.0 hours
	Respond to the "Electronic Name Badge" questions	Your imagination	Post response in Item 8: <b>Let Me Introduce Myself</b>	0.25 hours
	Make a list all the technology		Post response in Item 9: <b>Technology Survey</b>	0.25 hours
Participants will develop two lesson plans incorporating the use of graphing calculators	Complete ten exercises designed to demonstrate how a graphing calculator can be used in the classroom	Assignment and Graphing Calculator	Post solutions in Item 10: <b>Graphing Calculator Exercises</b>	1.0 hours
	Search the Internet using MarcoPolo, Illuminations, and other search engines to find two lessons or activities that incorporate the use of graphing calculators	Internet	Post findings in Item 11: <b>I Found Two Graphing Calculator Activities</b>	1.0 hours
<b>Note:</b> Office Hours this week Thursday from 8:30pm to 9:30pm on Elluminate				

## Week 2: Integrating the Graphing Calculator Into Your Curriculum

(3/6/06-3/12/06)

Objective	Activity	Resources	Assessment	Time
Participants will develop two lesson plans incorporating the use of graphing calculators	Develop two verbal problems that incorporate the use of graphing calculators	Graphing Calculator	Post problems and solutions in Item 13: <b>My Two Graphing Calculator Verbal Problems</b>	0.5 hours
	Develop a lesson plan that incorporates the use of graphing calculators	Internet Resources	Post lesson in Item 14: <b>Lesson Plan 1</b>	0.75 hours
	Develop a second lesson plan that incorporates the use of graphing calculators	Internet Resources	Post lesson in Item 15: <b>Lesson Plan 2</b>	0.75 hours
Participants will experience a lesson using Elluminate (Optional)	Participate in a lesson using Elluminate (Optional)	Elluminate, Headset and a Microphone	Post a note in Item 16: <b>Elluminate Is Great</b>	0.0 hours

## Week 3: Using Excel To Solve Problems

(3/13/06-3/19/06)

Objective	Activity	Resources/Readings	Assessment	Time
Participants will develop three lesson plans incorporating the use of Excel	Complete five exercises designed to demonstrate how a Excel can be used in the classroom	Assignment and Excel	Post solutions in Item 18: <b>Excel Exercises</b>	0.5 hours
	Search the Internet using MarcoPolo, Illuminations, and other search engines to find two lessons or activities that incorporate the use of Excel	Internet	Post findings in Item 19: <b>I Found Two Excel Activities</b>	0.75 hours
	Develop two verbal problems that incorporate the use of Excel	Excel	Post problems and solutions in Item 20: <b>My Two Excel Verbal Problems</b>	0.5 hours
<b>Note:</b> Office Hours this week Thursday from 8:30pm to 9:30pm on Elluminate				

## Week 4: Integrating Excel Into Your Curriculum

(3/20/06-3/26/06)

Objective	Activity	Resources/Readings	Assessment	Time
Participants will develop three lesson plans incorporating the use of Excel	Develop a lesson plan that incorporates the use of Excel	Internet Resources	Post lesson in Item 22: Lesson Plan 3	0.75 hours
	Develop a second lesson plan that incorporates the use of Excel	Internet Resources	Post lesson in Item 23: Lesson Plan 4	0.75 hours
	Develop an interdisciplinary lesson plan that incorporates the use of Excel	Internet Resources	Post lesson in Item 24: Lesson Plan 5	1.0 hours
Participants will experience a lesson using Wimba (Optional)	Participate in a lesson using Wimba (Optional)	Wimba, Headset and a Microphone	Post a note in Item16: Elluminate Is Great	0.0 hours

# Week 5: Is There Anything New I Can Use In My Classroom

(3/27/06-4/2/06)

Objective	Activity	Resources/Readings	Assessment	Time
Participants will do research on at least one new technology that can be used in their classroom to enhance instruction	Do research about one new technology that can be incorporated into classroom activities	Internet	Post articles or web sites in Item 26: <b>MY New Technology</b>	1.0 hours
	Write a short summary of the research about the new technology		Post research summary in Item 27: <b>This Is What I Found</b>	0.5 hours
	Choose a Math topic to develop a three lesson unit on that incorporates the use of technology		Post your Math topic in Item 28: <b>My Topic Is...</b>	0.25 hours
<b>Note:</b> Office Hours this week Thursday from 8:30pm to 9:30pm on Elluminate				

## Week 6: The End Of The Road! (For Now)

### Integrating New Technology Into Your Classroom

(4/3/06-4/9/06)

Objective	Activity	Resources/Readings	Assessment	Time
Participants will develop a math unit consisting of three lesson plans incorporating the use of at least one new technology	Complete three exercises designed to demonstrate ways to use the Internet in their classroom	Assignment, Internet, and other technology	Post solutions and comments in Item 30: <i>Using the Internet In My Classroom</i>	1.0 hours
	Search the Internet using MarcoPolo, Illuminations, and other search engines to find two lessons or activities that incorporate the use of new technology	Internet	Post findings in Item 31: <i>I Found Two Technology Activities</i>	0.75 hours
	Develop a math unit consisting of three lesson plans incorporating the use of at least one new technology	Internet Resources	Post lesson in Item 32: <i>My Math Unit</i>	2.5 hours
Participant evaluation of the course	Submit course evaluation	Use the link found in the assignments	Post a note in Item 33: <i>I Completed The Evaluation</i>	0.25 hours

## *This is it... Congratulations*

If ALL your work has been submitted properly then you have successfully completed the course.

Thank you for participating in

*Integrating Technology Into Your Curriculum and Classroom*