Cellphones As Instructional Tools

www.teachermagazine.org
Cellphones in the Classroom: Discuss on Our Forum

Join our new discussion forum on the use of cellphones in the classroom.

www.teachermagazine.org/go/cellphones
An on-demand archive of this webinar is going to be available at www.edweek.org/go/webinar in less than 24hrs.

Please visit often, and send this link to your friends.

Thanks for taking part today. We really appreciate it.
The Editors
Moderator

Elizabeth Rich, online editor at teachermagazine.org and editor of the Teacher Professional Development Sourcebook.
Guests

Elliot Soloway, professor, School of Information, School of Education, and Department of Electrical Engineering and Computer Science, University of Michigan.

Cathleen Norris, regents professor in the College of Information, Department of Learning Technologies at the University of North Texas.
Guests

Ron Myers, principal, Trinity Meadows Intermediate School, Keller, Texas.

Liz Kolb, education technology instructor, University of Michigan and Madonna University; author, *Toys to Tools: Connecting Student Cell Phones to Education.*
Spotlight on Technology in the Classroom

Buy now!

*Education Week's Spotlight on Technology* brings together the latest information and analysis on the use of technology in the classroom.

[www.edweek.org/go/techspotlight](http://www.edweek.org/go/techspotlight)
Educating the Mobile Generation: #3 Points

Cathleen Norris
Regents Professor, University of North Texas
Chief Education Architect, GoKnow Learning, Inc.

Elliot Soloway
Arthur F. Thurnau Professor, University of Michigan
Chief Strategy Officer, GoKnow Learning, Inc.
Point #1: Big, Disruptive, Exponential Change

Mobile = (PC + Internet)^2

“The <mobile> computer revolution hasn’t even begun yet.”
Alan Kay + <me>
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Point #2: Unprecedented Opportunities

Nan Chiau Primary School (Singapore) “Learning My Way”

Rick @ Home
Point #2: **Unprecedented Opportunities**

### Keller TX, 5th Grade

<table>
<thead>
<tr>
<th></th>
<th>Pencil-paper</th>
<th>With Cellphone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>15%</td>
<td>46%</td>
</tr>
<tr>
<td>Math</td>
<td>42%</td>
<td>71%</td>
</tr>
</tbody>
</table>

### St Mary’s OH, 5th Grade
Point #3: Sustainable… At Last

Leadership +
Mobile Generation +
Financial Model +
Curriculum integration =
Sustainable!!
“Ed Sec says yes to cell phones in class”

Point #3: Sustainable… At Last

Ed. Secretary says yes to cell phones in class
July 14, 2009
Point #3: Sustainable… At Last

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Point #3: Sustainable… At Last

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Overview

- The goal was to pilot a mobile device program that develops safe and appropriate uses of mobile devices in order to increase student engagement and increase student access to academic information and curriculum resources.
- Integrate mobile computing devices into the 5th grade classroom
Goals

- Increase technology skills among students
- Increase the depth of knowledge and level of understanding in content areas, using the District’s curriculum
- Increase learning beyond the school day
- Increase responsible and appropriate use of technology among students
Why this Technology?

• Connectivity
• Familiarity
• Inexpensive
• Convenience
• Features
  – Camera
  – Touch screen
  – Software
From “Out There to In Here”

• Campus initiative that originated from a possibility, “What if?”
• Entrepreneurial Adventure
• District Support
  – Board and Superintendent’s support
  – Curriculum and Instruction
  – Instructional Technology
• How might we use the local businesses and capitalize on their resources for student use?
Teacher Leadership

- A teacher brought forth an idea, after attending a national conference
- Informal meetings, comprised of district and university personnel took place beginning in July, 2008
- The teacher began researching and establishing relationships with people who were working on this issue nationally and internationally
- Meetings with local cellular phone services took place throughout July-September
- A parent representative became instrumental in assisting with the project
- District technology personnel began working with local providers to fund the pilot project
- 55 phones were donated, along with software
- Parent meeting was held in January, 2009
Outcomes: Intended and Unintended...

• Students were engaged.
• Students became experts.
• Based upon real needs, students had to work in a collaborative manner.
• Based upon real needs, staff members had to work in a collaborative manner.
  – Weekly meetings
  – Representatives from various departments
  – Parent meetings
  – Curriculum and technology opportunities were merged
Things to Note

- Using KISD curriculum
- Lessons about safe use of the device
- Pilot program
- Used when appropriate
- Cell phone and texting will be off
- Internet will be filtered
Resources

• Bag contents
  – Phone
  – Charger
  – Contact card
• AUP – sign and return white copy, keep pink
• Internet Safety Pledge – sign and return
• Cell Phone Safety Tips
• Websites
  – KMI@TMI
  – Teacher websites
Using Students’ Own Cell Phones

Liz Kolb
University of Michigan
Madonna University
http://cellphonesinlearning.com

Get Liz’s Contact Information

Send a New Text Message To: 50500
In Message: Kolb
How Students Can Document Learning

- **SMS Texting**
  - Group Brainstorming, alerts, polls, surveys, quizzes,

- **MMS Texting**
  - Send pictures/videos to instructor & other students

- **Phone Call**
  - Record interviews, observations, brainstorms, quizzes…etc.
Podcast Activity: NPR “This I Believe…”

This I Believe

Make a Statement

Based on a 1950s radio program of the same name, Americans from all walks of life share the personal philosophies and core values that guide their daily lives. Hear previous features and read more from the archives below.

In collaboration with Atlantic Public Media and This I Believe Inc.
Mobile Podcasting Project: Radio Theater Podcasts

St. Joseph Parish School Podcasts

Martin Luther King

On January 16th, the world honors one of history's most courageous and important civil rights leaders. On January 16th, Mrs. Bentley's 4th grade class remembers.

Listen to their tribute.
Mobile Podcasting Project: Author Study

THURSDAY, JULY 26, 2007

My interview with Devin Scillian

POSTED BY MARY J. AT 12:13 PM 1 COMMENTS

WEDNESDAY, JULY 25, 2007

An Interview with Ralph Fletcher

I had the opportunity to speak with Ralph Fletcher after his presentation at the Literacy Conference on July 25. I'm looking forward to reading his books with my students this year.

Gabcast! Author Blog #6
PhotoPosting Project: Field Trips
PhotoPosting Project: Documenting Lab Activities
PhotoPosting Project: Send Videos of Homework to Cells

Subject: PE homework
Message: Can you please watch the attached video and complete the following questions 1 - How can this skill be classified? 2 - What stage of learning do they appear to be in and why?

Attachments:
“3 Words” from 7th Graders at WA

by PETE SMITH

On inauguration day, the 7th graders in Mrs. Anderson’s science classes submitted their “3 words” for President Obama. Below are Wordle representations of their work. Click on the images to view them full size.
What can I use?

http://drop.io
Collaborative Mobile Digital Storytelling
Project: Virtual Museum

**Group Details**

**Museum Tour**
You are to call and describe what you are observing in the History Museum while on the field trip.

**Organizer:** Ellen Tyree

[Map] earfl.com
Text Message Project: Text

Shakespeare

ON EFFECTIVENESS

ES - HIGH SCHOOL

Messaging Shakespeare

Summarizing complex texts using cell phones increases understanding.

Inez Brown has taught ninth-grade English for seven years, but last term was her first experience teaching 11th-graders. Her school is in an affluent suburb of a large metropolitan area. Students seem unmotivated, and schoolwide, achievement test scores have been falling.

Brown's class was discussing some of the whaling calculations in *Moby Dick*. When one student asked a question involving a complex computation, three students quickly pulled out their cell phones and did the math. Brown was surprised to learn that most cell phones have a built-in calculator. She was even more surprised at how literate her students were with the many functions included in their phones. She took a
25. puedes ir al cine ctdq tu papa pueda conducirte.
~anonymous6gr1s

26. Puedes esconder tu cartera, con tal de que tengas una bolsa.
~anonymous41sdx

23. Puedes esconder tu cartera, con tal de que tu papa la busque
~anonymous3g0bw

21. Puedes esconder tu cartera, con tal de que tu papa no la tenga.
~anonymous6vmv

22. puedes esconder tu cartera con tal de que tengas una bolsa
~anonymous3tdrj

20. Puedes esconder tu cartera con tal de que no te olvides donde lo este.
~anonymous6bx8q

24. Hola! :)
~anonymous6bx8q

19. Estoy de acuerdo contigo, con tal de que no descargues canciones de sitios ilegales
~anonymous8189q

text message something like
@ESPIII hello there to 25622

Wiffiti.com
Geo-Blogging Project: North American Lighthouses

Flagr.com
Don’t want to give our your real cell number?

http://grandcentral.com (Google Voice)  Free phone number
Getting started

- DO NOT attempt to change policy (yet)

- Survey Students on Cell Phones
  - Who has one? What is their plan? Preference for Communication?

- Talk with students about cell phone safety & etiquette
  - Create a social contract for cell phone use with school assignments

- Start with OPTIONAL homework/EC projects outside of classroom.

- Start with what YOU are comfortable with (such as phone call resources)
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Thanks for taking part today. We really appreciate it.

The Editors
“We have students in school 6 hours a day. They're with their phones another – what – 12, 14, 18 hours a day? Constant.
# Engagement & Instruction

## Content
- Standardized Curricula
- 21st Century Skills

## Platform
- COTS (MSFT)
- Web-Based Instruction
- Mobile Learning Environment (GoKnow)

## Devices
- Laptops
- Netbooks
- SmartPhones
- Mobile Internet Devices (MIDs)

## Network
- 802.11 (WiFi)
- Cellular 3G (EVDO, HSPA)
- 802.16 (WiMAX)
- Future Networks (LTE?)
Engagement & Instruction

- Sprint Provides:
  - America’s Most Dependable 3G Nationwide Network
  - America’s First 4G Network (using 802.16 WiMAX)
  - Custom Network Solutions for Schools and Campuses

- Broad Support for Education-Friendly Devices
For More Information, Contact:

Michael Flood

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