

Have you been
paying attention?

How do your students **learn**?

Are they...

Interpersonal,

Logical,

Spatial,

Intrapersonal,

Musical,

Linguistic,

Naturalist,

Or Bodily-Kinesthetic learners?

Yes!

Gardner, H. (1983). *Frames of Mind*.

But mostly they're...

Digital Learners!

Here's Why...

Today's average college
graduates have spent:

Over 10,000 hours
playing video games...

Interactive Videogames, *Mediascope*, June 1996.

Over 10,000 hours
talking on cellphones...

Prensky, M. (2001). *Digital Natives Digital Immigrants*.

And roughly 20,000
hours watching TV.

Today's children and teens
spend 2.75 hours a week using
home computers.

70% of our nation's 4-6 year-olds have used a computer.

In any given day, 68% of **children under two** will use a screen media, for an average of just over two hours (2:05).

Why?

“Richness.”

Bill Gates, in describing many of Microsoft's products.

How much richness does
your curriculum provide?

Do your students...

Remember,

Understand,

Apply,

Analyze,

Evaluate,

And Create?

Anderson, L. W., & Krathwohl, D. (Eds.) (2001). *A taxonomy for learning, teaching and assessing: A revision of Bloom's taxonomy of educational objectives.*

What do your students *create*?

“These teens were born into a digital world where **they expect to be able to create,** consume, remix, and share material with each other”

Lee Rainie, Director, Pew Internet and American Life Project

Are you *reaching*
your students?

“We have learned to 'play school'. We study the right facts the night before the test so we achieve a passing grade and thus become a successful student.”

High School student

“It's not attention deficit -
I'm just not listening!”

Slogan on a current T-shirt

Are you **engaging** them?

“When I go to school, I have to
'power down'.”

High School student

One researcher claims that, on average, students in class only *get to ask* a question **once**...

Every 10 hours!

Graesser, A.C., & Person, N.K. (1994). *American Educational Research Journal*.

Why don't we pause for
the next **10 hours**
to see how that feels?

Do any of your
students use Google?

Did you know that there
are over 2.7 billion
searches performed on
Google each month?

ComScore Networks, results taken in April 2006.

To whom were these
questions addressed B.G.?

(Before Google)

Why not use the technology
that our students love
to **create** more **effectively**?

Why not use the technology
that our students love
to reach more effectively?

Why not use the technology
that our students love
to **engage** more **effectively**?

Why not use the technology
that our students love
to **teach** more **effectively**?

Did you know that our **Digital Learners** have sent and received over 200,000 emails or instant messages...

By the time they
graduate from college!

Prensky, M. (2001). *Digital Natives Digital Immigrants*.

We accuse them of
not reading...

But 200,000 written messages
sure seems like a lot of time
spent with the 3 R's!

Rigor, Relevance, & Relationships

Daggett, W. (2005). *Successful Schools: From Research to Action Plans*.

How about *your* class website?

How are you using the new
WWW to teach your students?

WWW:

Whatever
Whenever
Wherever

Consider these ways to use the
Internet in teaching...

Blogs

Wikis

Podcasts

Online Collaboration

Online Testing

Online Learning

Web-cams

GPS

Geocaching Games

GIS

Google Earth

Webquests

E-portfolios

Virtual Manipulatives

Virtual Pen-pals

Virtual Tours

Writing

Reading

Reflection

And those *evil* cellphones?

Did you know that over 1.5 billion people, all over the world, are walking around with powerful **computers** in their pockets and purses?

“When you lose your mobile,
you lose part of your brain.”

Student from Japan

“Phones have become an interestingly enabling tool. Invented to connect us all together, it has become something much more...”

Since your students **already**
know how to use this
technology, why aren't you
using it to teach?

Think of the ways you could
use cellphones **to teach...**

Language

Poetry

Literature

Public Speaking

History

Math

Storytelling

Geography

Writing

Text Messaging (SMS)
alone could be used for...

Pop Quizzes

Student Polls

Peer Tutoring

Spelling Bees

Math Experiments

Science Experiments

Book Reports

Class Presentations

Imagine giving your
class this assignment:

“Class, you've got 10 minutes to receive a text message from anyone outside of this school...”

Please find out:

1. What they had for **breakfast**
2. What the **weather** is like where they are
3. The one thing they last **purchased**

Bonus points will be given for
messages received from
people **in other countries...**

Using languages
other than English.

Talk about
acquiring useful data!

This data could then be used in
nearly any class...

To teach a wide variety of
essential **skills**:

Graphing Data

Food Preparation

Predicting Economic Trends

Cellphones to **teach**?

Absolutely!

Did you know...

Only 28% of 12th-grade
high school students believe
that schoolwork is...

Meaningful.

National Center for Education Statistics, 2006.

21% believe that their courses
are interesting...

And a mere 39% believe
that school work will
have any bearing on their
success in later life.

And these are the
opinions of students that
will actually **graduate!**

How do the nearly 50% of our nation's students that don't graduate feel about the schools they once attended?

Engage them,
don't enrage them!

Perhaps they wouldn't hate
school if they could use
their iPods in class!

There are nearly 90,000,000
iPods out there!

(Surely you've noticed the little white buds
hanging from your students' ears)

iPod
+
Podcast
=
Anytime Learning

Did you know that there are
over **90,000** unique video
and audio **podcasts**
currently being served to over
1.6 million subscribers?

If you can't reach your students
by speaking directly to them...

Teach them via podcast!

Why not, when there are
already thousands available for
you to use...

See the iTunes Music Store for an enormous listing.

In every subject imaginable...

Even Basketweaving!

“If you can't
beat 'em, join 'em!”

Sam Ray, Principal of Provo High School - On why he considers podcasting to be an effective form of instruction.

In conclusion, hopefully
you're **seeing the point...**

“How do we turn our classrooms into learning engines? **Pay attention** to our children's intensely rich information experiences.”

Warlick, D. (2006). *Teaching and Learning on the Edge of Change*.

If you're not using
blogs to teach,

If you're not using
email to teach,

If you're not using
GPS to teach,

If you're not using
wikis to teach,

If you're not using
webquests to teach,

If you're not using
the Internet to teach,

If you're not using
cellphones to teach,

If you're not using
podcasting to teach,

If you're not using
technology to teach,

You should be!

But then again,
you already knew that...

And your students did too!

Pay attention to
<http://t4.jordandistrict.org/>
to learn how you can
become a better teacher.



Transforming
Teaching
Through
Technology

<http://t4.jordandistrict.org/payattention>