

Text of *Did You Know? 2.0*

Did you know?

In the next 8 seconds . . .

34 babies will be born.

[graphic indicating India – 5, China – 4, U.S. – 1]

What will the world be like . . .

. . . for them?

Name this country . . .

- Richest in the world
- Largest military
- Center of world business and finance
- Strongest education system
- Currency the world standard of value
- Highest standard of living

Great Britain. In 1900.

2006 college graduates

[graphic indicating U.S. – 1.3 million, India 3.1 million, China – 3.3. million]

How many 2006 college graduates in India speak English?

[graphic indicating 100%]

In 10 years it is predicted that the number on English speaking country in the world will be . . .

China.

Who would have predicted this 60 years ago? (then 60 is replaced with 40, then 20)

Did you know?

According to the U.S. Department of Labor

1 in 4 workers has been with their current employer less than one year.

1 in 2 workers has been with their current employer less than five years.

The U.S. Department of Labor estimates that today's learners will have . . .

10 to 14 jobs . . .

by their 38th birthday

Many of today's college majors didn't exist 10 years ago

New media

Organic agriculture

e-business

Nanotechnology

Homeland security

What will they study 10 years from now?

Today's 21-year-olds have:

Watched 20,000 hours of TV

Played 10,000 hours of video games

Talked 10,000 hours on the phone

And they've sent/received 250,000 emails or instant messages

More than 50% of U.S. 21-year-olds have created content on the web

More than 70% of U.S. 4-year-olds have used a computer

Years it took to reach a market audience of 50 million

[graphic indicating Radio – 38 years, TV – 13 years, Internet – 4 years]

Number of Internet devices in 1984: 1,000

1992 – 1,000,000

2006 – 600,000,000

Did you know?

We are living in exponential times

The first commercial text message was sent in December 1992

The number of text messages sent and received today . . .

exceeds the population of the planet

The Internet started being widely used by the general public in early 1995

1 out of 8 couples married in the U.S. in 2005 . . .

met online

Revenue for eBay in 2006: \$1.7 billion

eBay was founded in 1996

There were more than 2.7 billion searches performed on Google . . .

. . . this month

To whom were those questions directed B.G.?

(Before Google)

MySpace Visitors

[graphic from 0 in 2003 to almost 60,000,000 in 2006]

More than 230,000 new users signed up for MySpace . . .

today

If MySpace were a country . . .

it would be the 8th largest in the world

YouTube visitors since September 2005

[graphic from 0 in 2005 to well over 100,000,000 today]

Did you know?

There are more than 540,000 words in the English language . . .

about five times as many as during Shakespeare's time

[graphic with the words: widget, web-surfer, blog, dot-commer, e-learner, Internet]

More than 3,000 books were published . . .

. . . today

The amount of technical information is doubling every two years

By 2010, it's predicted to double . . .

every 72 hours

Third generation fiber optics has recently been tested that push 10 trillion bits per second down a fiber

That is 1,900 CDs or 150 million simultaneous phone calls every second

It's currently tripling every six months

The fiber is already there, they're just improving the switches on the end . . .

which means the marginal cost of these improvements is effectively . . .

zero

Nearly 2 billion children live in developing countries

One in three never completes fifth grade

In 2005 the One Laptop per Child Project (OLPC) set out to provide laptops to these children

The first shipments should be in mid-2007
Kids who have never held a textbook will now hold the world
And be connected . . .

to you

Predictions are that by the time
children born in 2007 are 6 years old,
a supercomputer's computation capabilities
will exceed

that of the human brain

And while predictions further out than 15 years are hard to do . . .

[graphic indicating 2049]

a \$1,000 computer
will exceed the computing capabilities
of the human race

what does this all mean?

[graphic indicating: shift happens]

We are currently preparing students for jobs and technologies that don't yet exist . . . in
order to solve problems we don't even know are problems yet.

"We can't solve problems by using the same kind of thinking we used when we created
them." – Albert Einstein

Did you know . . .

There are students in China, Australia, Austria, Bangladesh, and the USA who
[graphic switches from: remember, understand, apply, analyze, evaluate, create,
communicate, collaborate]

on projects

every day

Ask Your Kids: Are you doing this in school?

Ask Your Principal: How are you helping my child become literate in the 21st century?

Ask Your School Board: Are you providing the resources and training necessary to
prepare students to be successful in 21st century society?

Ask Your Elected Representatives: Now that you know all this, what changes should be
made to current education legislation?

What's your vision?

Did you know . . .

The original version of this presentation was created for a Colorado (USA) high school
staff of 150 in August of 2006

to start a conversation about what our students need to be successful in the 21st century

By June 2007 it had started more than 5 million conversations around the world

And now that you know, we want you to join the conversation

Visit shifthappens.wikispaces.com

Did you know?

Developed by Karl Fisch

thefischbowl.blogspot.com

with assistance from Scott McLeod

dangerouslyirrelevant.org

Designed by XPLANE

xplane.com

shifthappens.wikispaces.com

[graphic with Creative Commons copyright notice]