



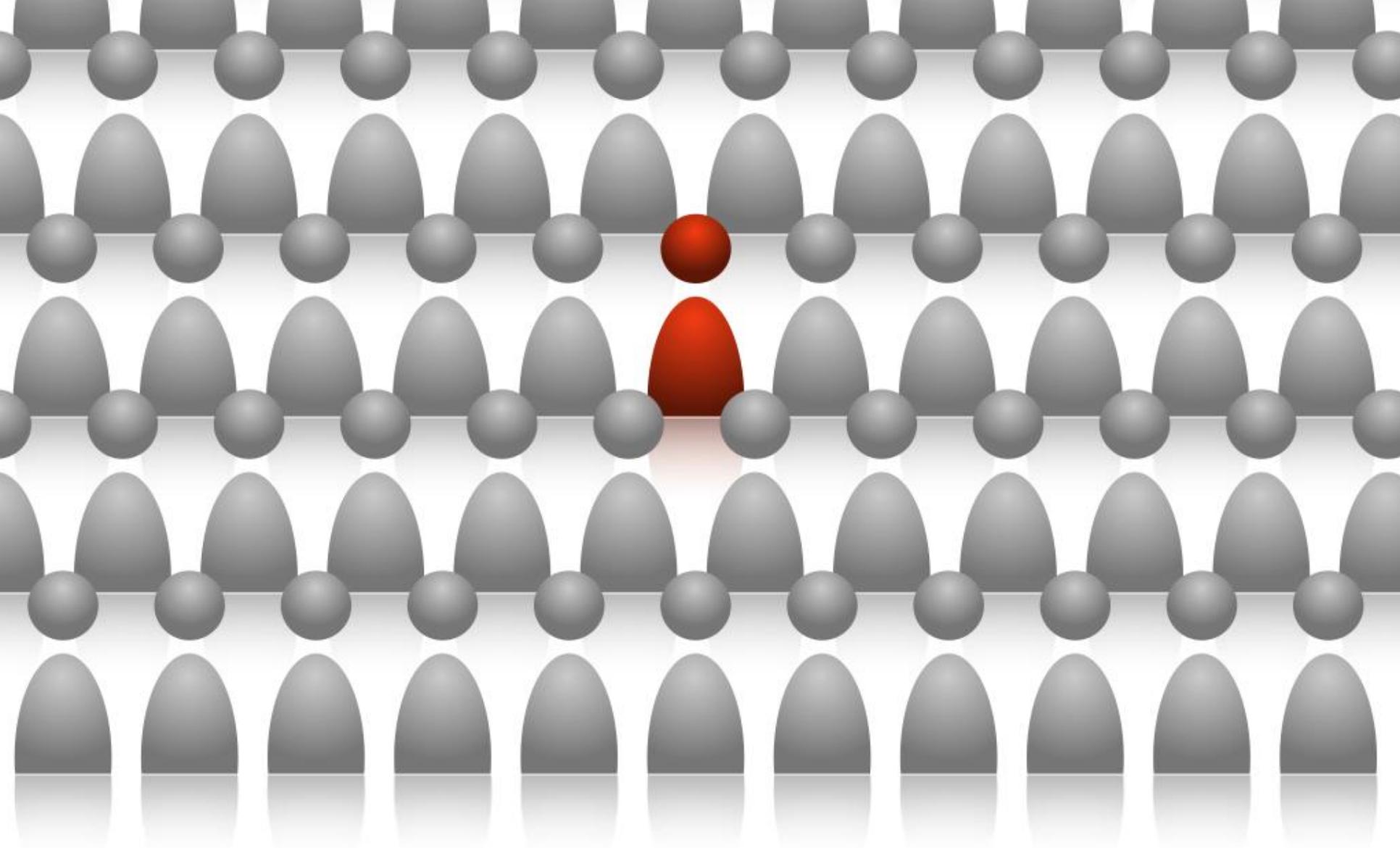
**shifthappens**

DID YOU  
**KNOW**



**Sometimes size  
does matter**





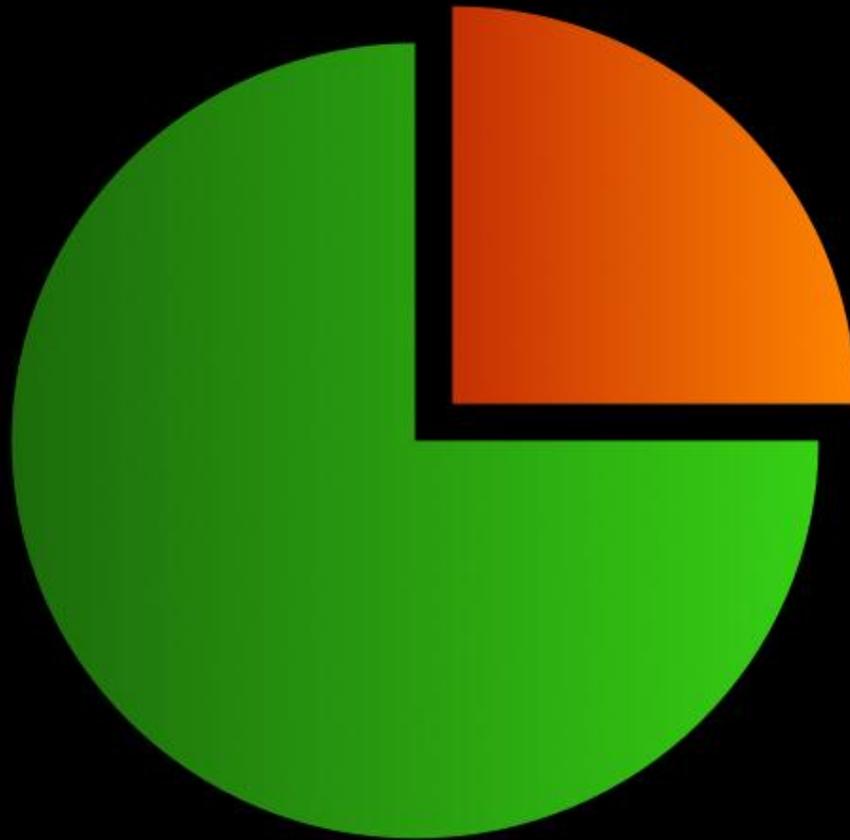
**If you're one in a million in China...**



In India there are 1,100 people  
**just like you**



**The 25% of the population in China  
with the highest IQ's...**



**...is greater than the total population  
of North America.**

**In India, it's the top 28%**

# Translation:

**They have more honors kids  
than we have kids**



DID YOU  
**KNOW**

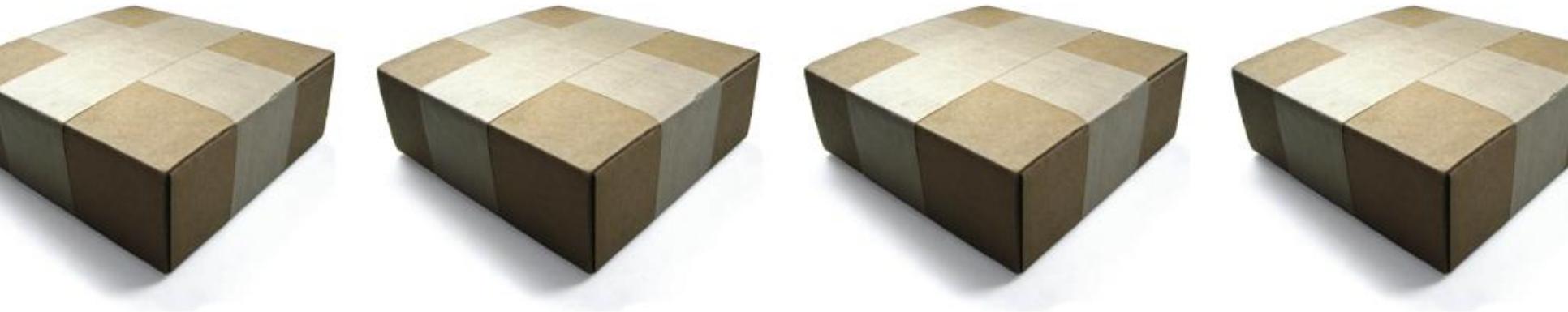


China will soon become the **number one**  
English speaking country in the world





**If you took every single job in the U.S. today  
and shipped it to China...**



**...China would still have  
a labor surplus**



**During the course  
of this presentation...**



**60 babies**  
will be born in the U.S.

**244 babies**  
will be born in China

**351 babies**  
will be born in India





The U.S. Department of Labor estimates that  
**today's learner will have 10-14 jobs...**

*...by the age of*

**38**

**1 out of 4 workers today**  
**is working for a company they have been**  
**employed by for less than one year**

**more than 1 out of 2**  
**are working for a company they have**  
**worked for for less than five years.**



According to former  
Secretary of Education  
**Richard Riley...**

**...the top 10 in-demand jobs in 2010  
did not exist in 2004**

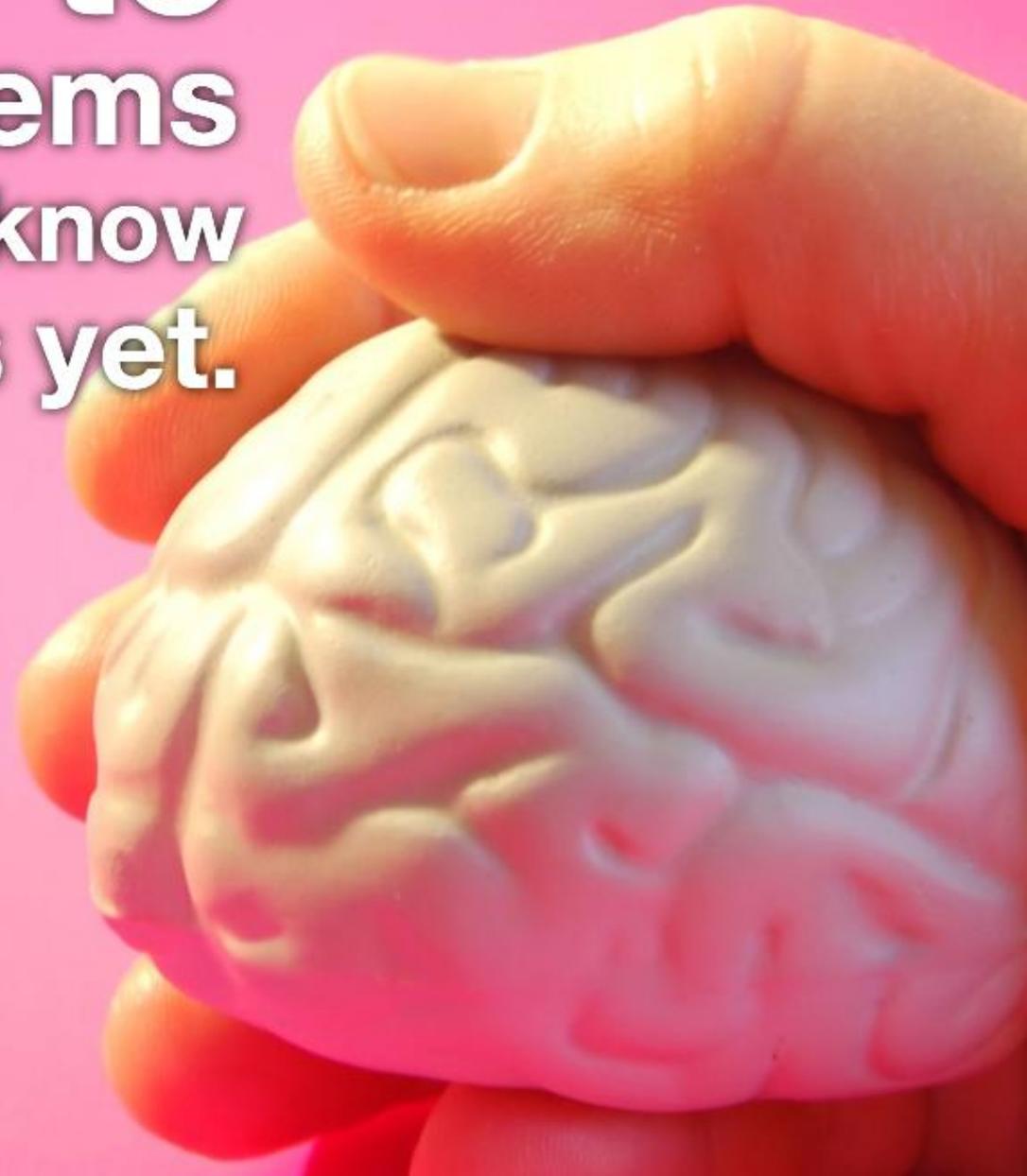
The image shows a classroom or lecture hall. In the foreground, two red chairs with black metal frames are visible. The background is a solid green wall. In the top left corner, a portion of a whiteboard is visible. The text is overlaid on the green wall in a large, white, sans-serif font.

**We are currently  
preparing students  
for jobs that  
don't yet exist...**

using technologies  
**that haven't**  
been invented...



**in order to  
solve problems  
we don't even know  
are problems yet.**



# POP QUIZ

Name this country....

- ✓ **Richest in the world**
- ✓ **Largest military**
- ✓ **Center of world business and finance**
- ✓ **Strongest education system**
- ✓ **World center of innovation and invention**
- ✓ **Currency the world standard of value**
- ✓ **Highest standard of living**

# England... in 1900



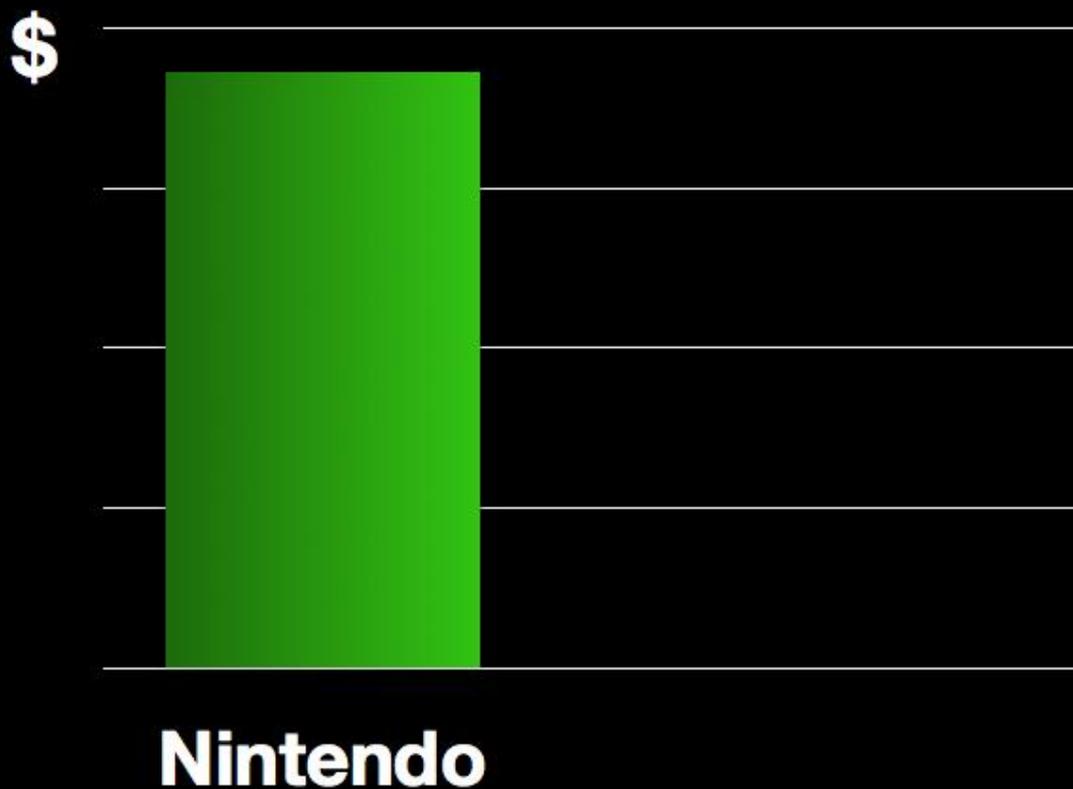
DID YOU  
**KNOW**



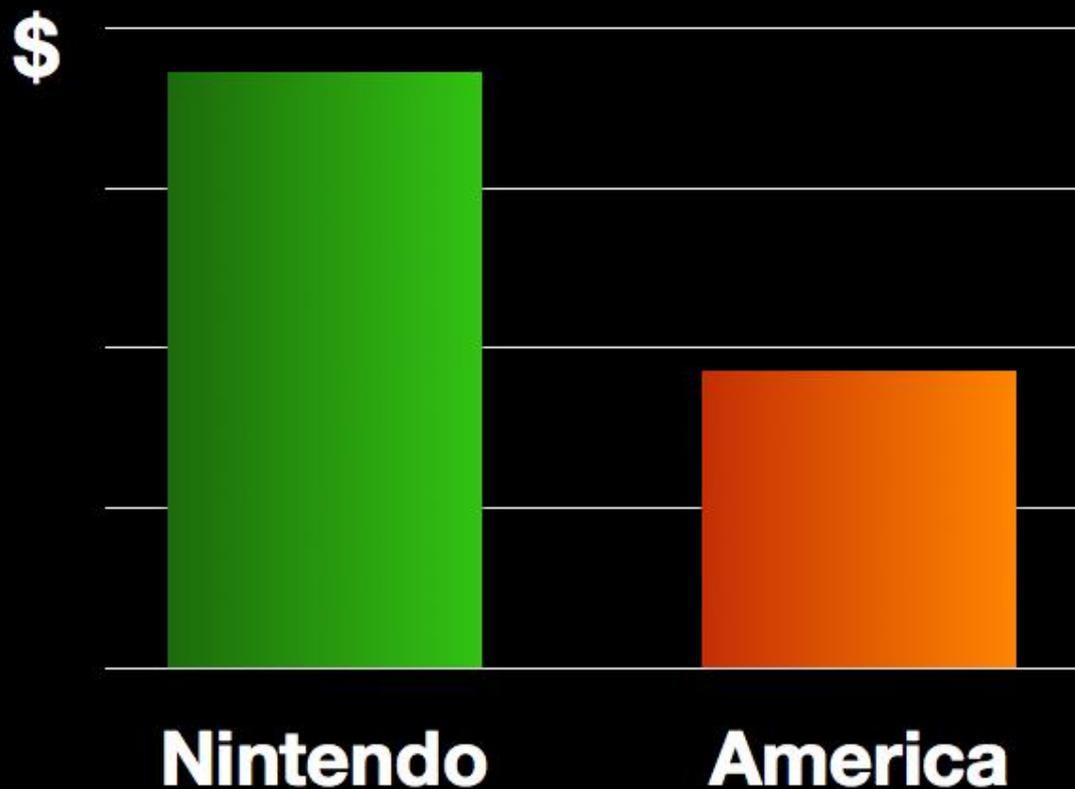
**The U.S. ranks  
20th in the world  
in broadband  
internet  
penetration**

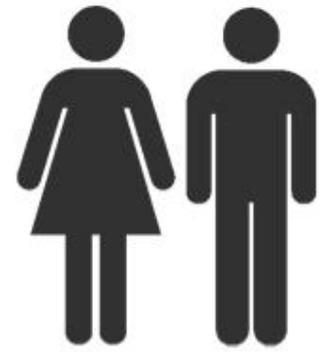
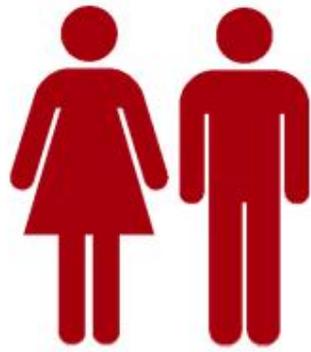


In 2002 Nintendo invested more than \$140 million in research and development.



The U.S. Federal Government spent **less than half as much** on Research and Innovation in Education.





**1 out of 8 couples married  
in the U.S. last year **met online****



# There are over **106 million** registered users of MySpace (as of September 2006)

The screenshot shows the MySpace website interface in a browser window. The browser's address bar displays "http://www.myspace.com/". The website's header features the MySpace logo with the tagline "a place for friends" and a search bar powered by Google. A navigation menu includes links for Home, Browse, Search, Invite, Film, Mail, Blog, Favorites, Forum, Groups, Events, Videos, Music, Comedy, and Classifieds. The main content area is divided into several sections:

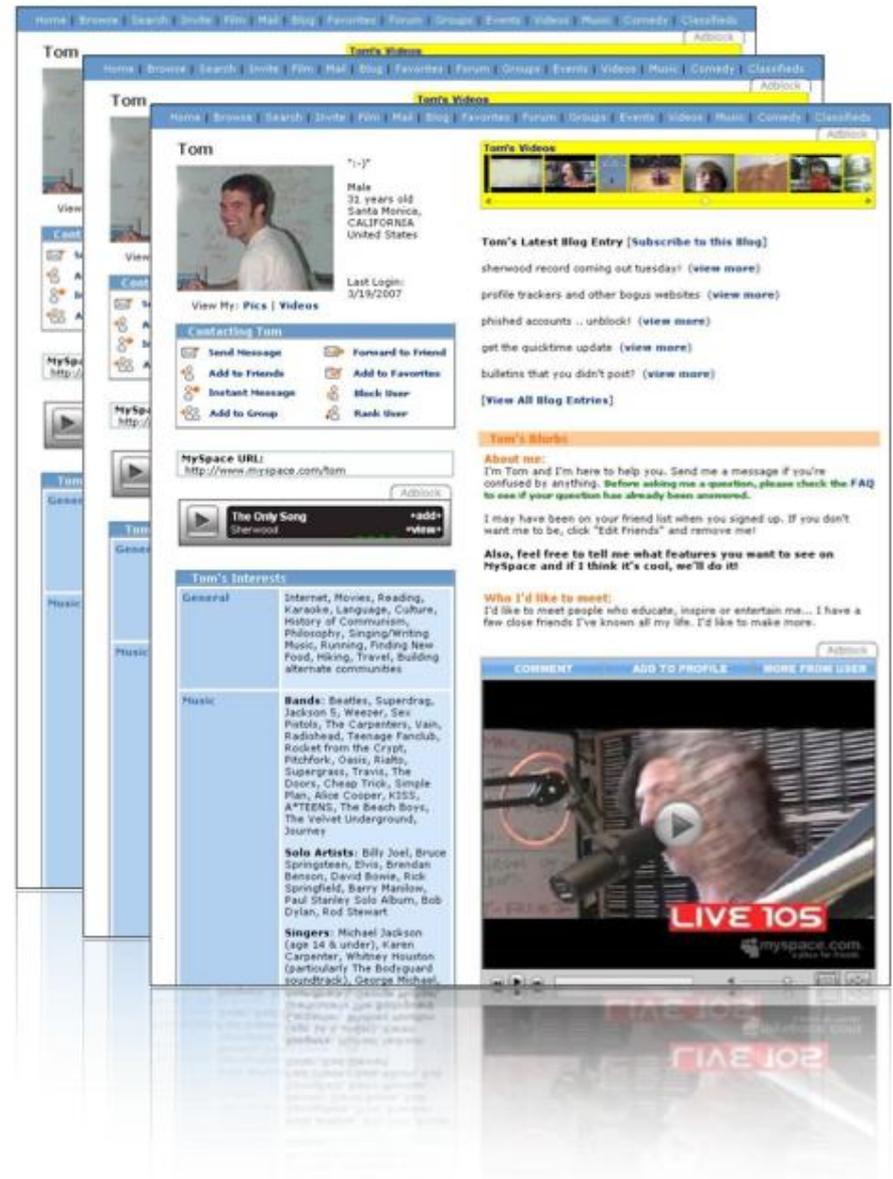
- Cool New Videos:** A section with a sub-header "45,192 uploaded today!" featuring four video thumbnails: "Household Injuries" by Patrick, "Community Service" by David Spade, "Telephone Game" by Tenderloins, and "Your Kitty Safe?" by Brian.
- myspace movies:** A yellow banner with a "showtimes" link and a "Check Out Movies Now" button, with the URL "movies.myspace.com" below it.
- Member Login:** A section with input fields for "E-Mail" and "Password", a "Remember Me" checkbox, and "LOGIN" and "SIGN UP!" buttons.

At the bottom of the page, there is a grid of links for various categories: Books, Downloads, Horoscopes, Music Videos, Blogs, Events, Impact **NEW!**, MySpaceIM, ChatRooms, Filmmakers, Jobs, Schools, Classifieds, Games, Movies, TV On Demand, Comedy, Groups, Music, and Videos.

**If MySpace were a country,  
it would be the **11th-largest in the world****

**(between Japan and Mexico)**

The average  
MySpace page  
is visited  
30 times  
per day



**DID YOU  
KNOW**



**We are living in  
exponential times**

The image features a black background with a vibrant pink, wavy shape at the bottom. The text 'We are living in exponential times' is prominently displayed in the center. 'We are living in' is in white, and 'exponential times' is in orange. The text is slanted upwards from left to right.

# There are over 2.7 billion searches performed on Google each month



To whom were these questions addressed  
**before Google?**

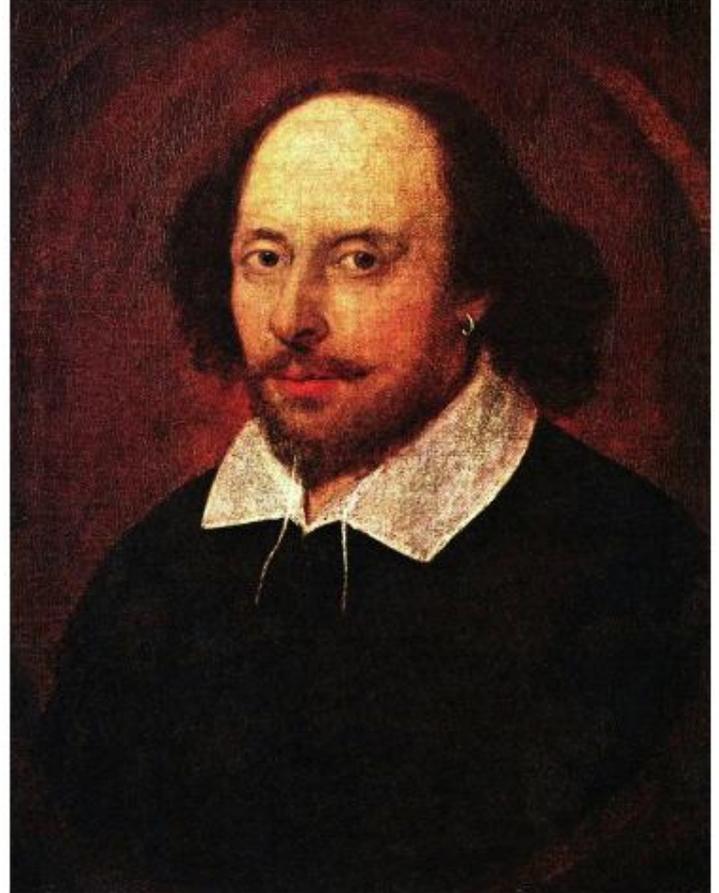


The number of text messages sent and received every day exceeds the total population of the planet



**There are about 540,000 words  
in the English language...**

**about 5X as many as**  
**during Shakespeare's time.**



More than **3,000** new books  
are published every day



# It is estimated that a week's worth of New York Times...



**...contains more information**  
**than a person was likely to come across**  
**in a lifetime in the 18th century.**

It is estimated that 40 exabytes ( $4.0 \times 10^{19}$ )  
**of unique new information**  
will be generated worldwide this year.



**That is more than in the  
previous 5,000 years.**

**The amount of new technical information is  
doubling every 2 years**

**2X**

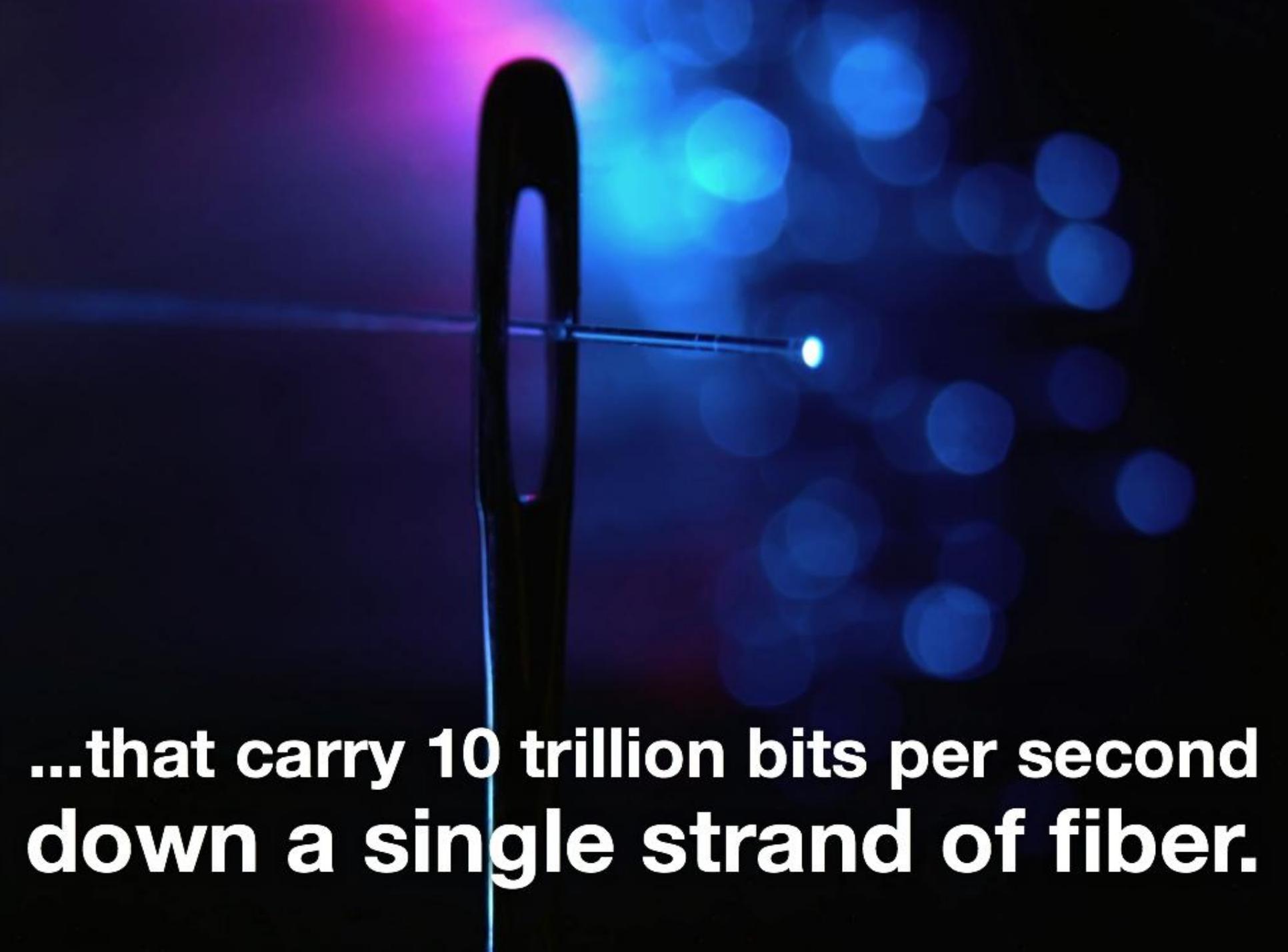
**For students starting a four-year  
technical or college degree,  
this means that...**

**half of what they learn in their first  
year of study will be outdated  
by their third year of study.**

**By 2010 it is predicted to  
double every 72 hours**

**Third generation fiber optics**  
have recently been separately tested  
by NEC and Alcatel...





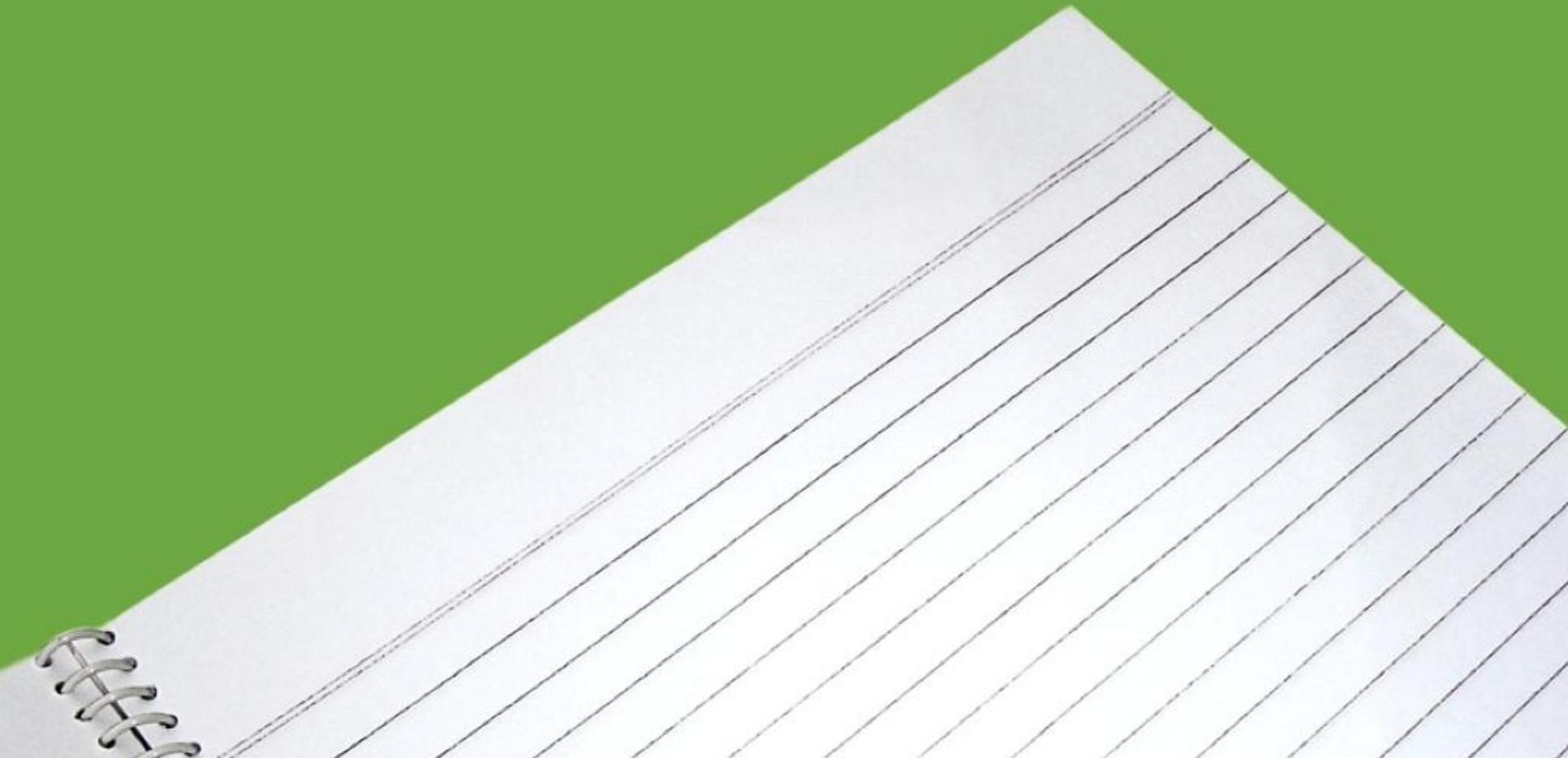
**...that carry 10 trillion bits per second  
down a single strand of fiber.**

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



**It is currently tripling every 6 months and is expected to do so for the next 20 years**

**e-paper will eventually be  
cheaper than real paper**

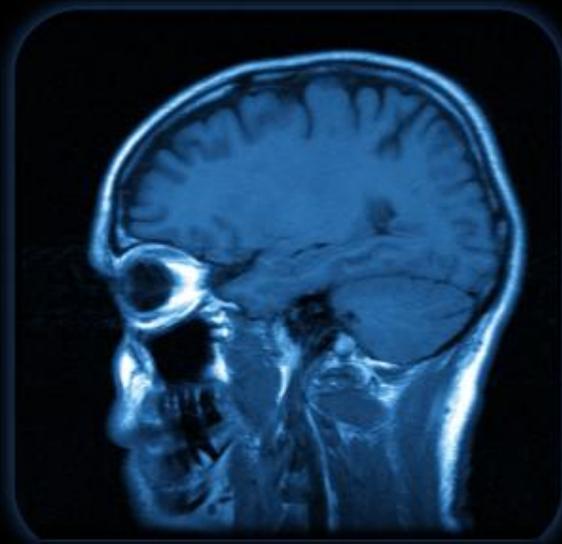




**47 million laptops were shipped worldwide last year.**

The \$100 laptop project is expecting to ship **between 50 and 100 million laptops a year** to children in underdeveloped countries





**Predictions are that by 2013 a supercomputer will be built that exceeds the computation capability of the human brain**

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



**predictions are that by 2049 a \$1,000 computer  
will exceed the computational capabilities  
of the entire human species**

**So, what does it all mean?**



shift**happens**

NOW YOU

**KNOW**

# Credits:

- Content based on a slideshow by Karl Fisch
- Source of content: The Fischbowl Blog  
<http://thefischbowl.blogspot.com>

# Credits:

- Presentation design by Jeff Brenman of:

