



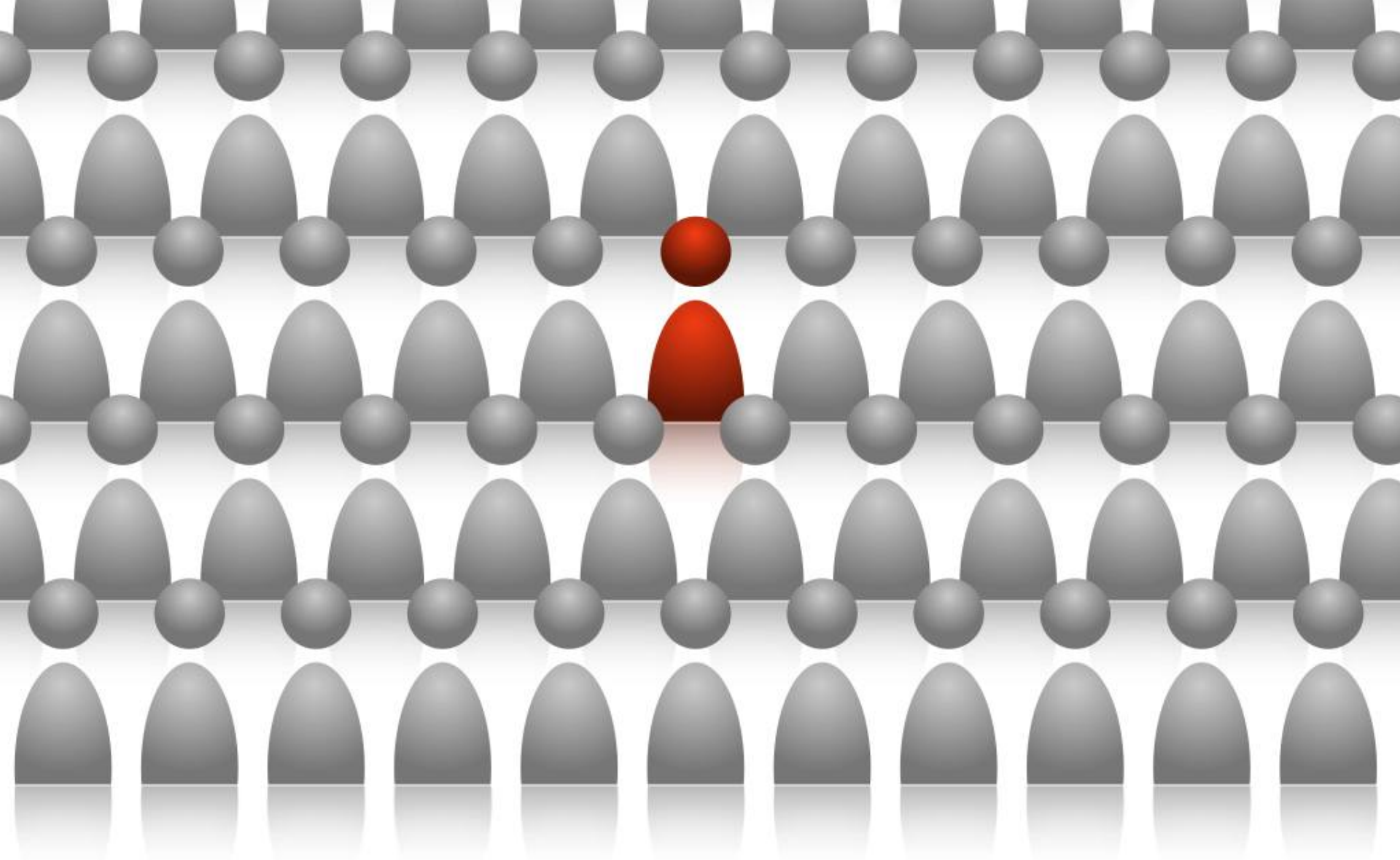
shifthappens

DID YOU
KNOW

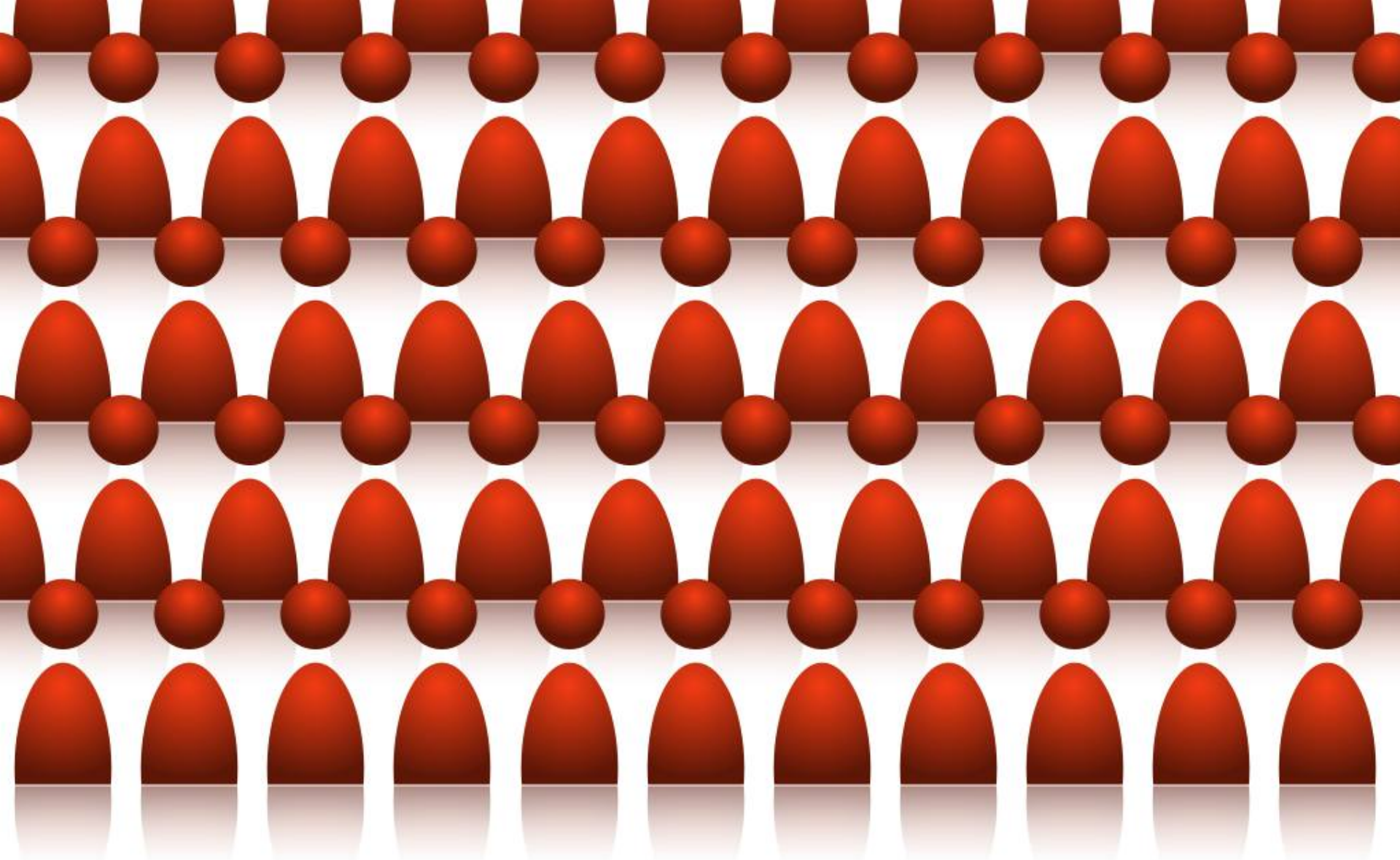


**Sometimes size
does matter**





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

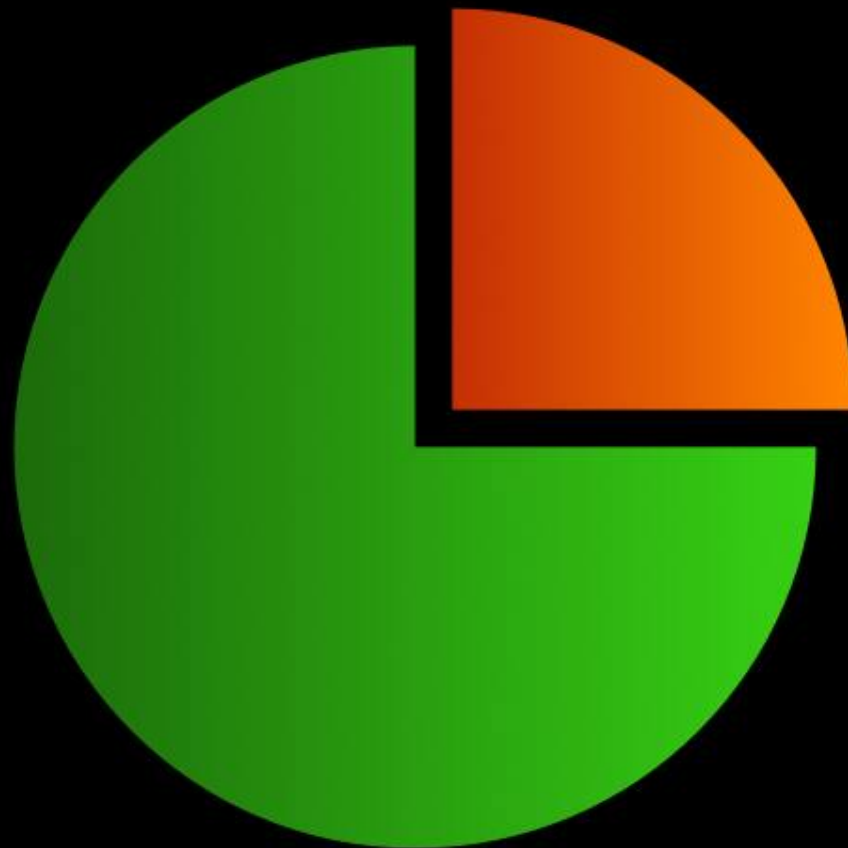


...there are 1,300 people just like you

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**

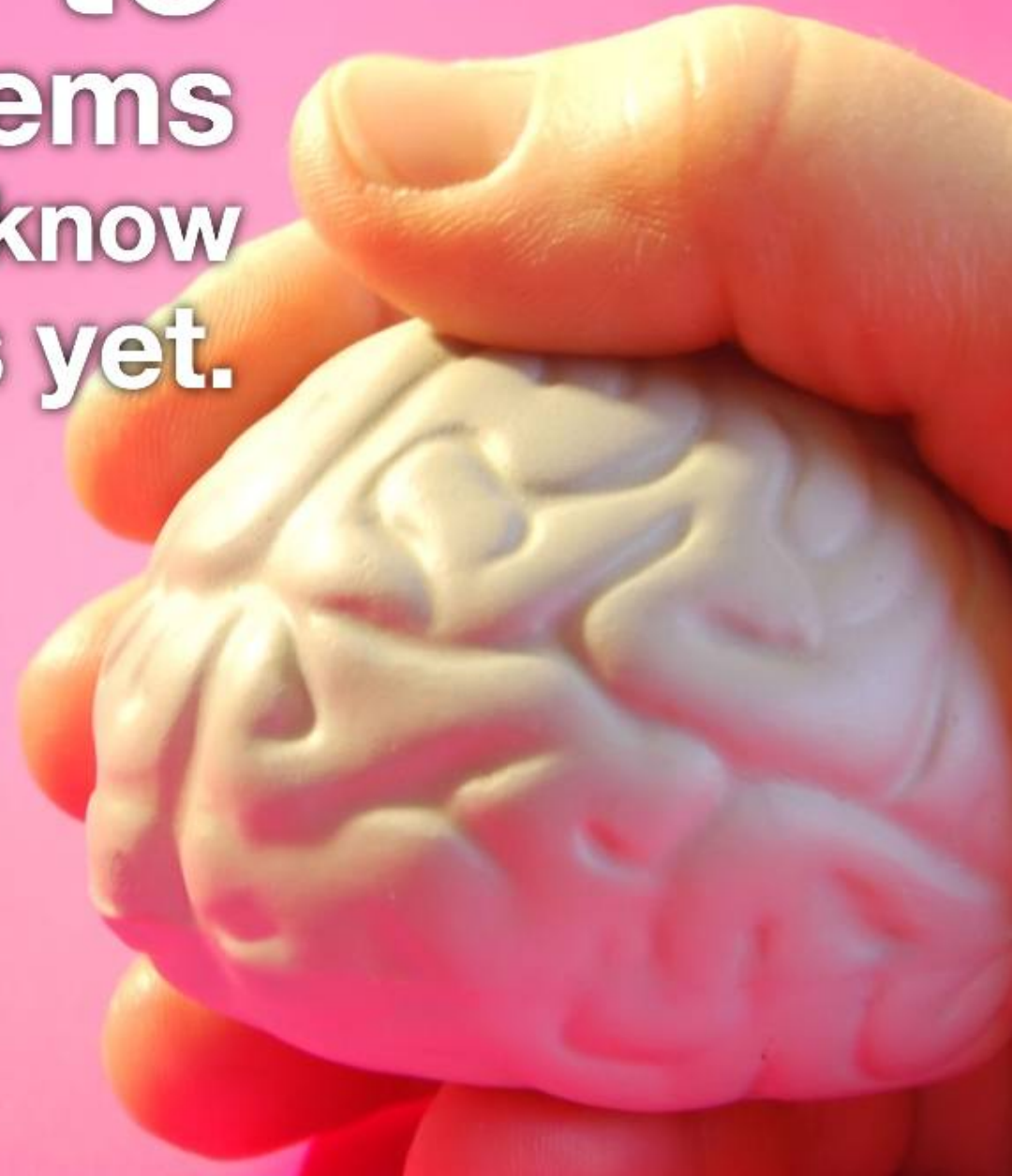
The image shows a classroom or meeting room. In the foreground, two red chairs with black metal frames are visible. The background is a bright green wall. In the upper left corner, a whiteboard is partially visible. The text is overlaid on the green wall in a large, white, sans-serif font.

**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



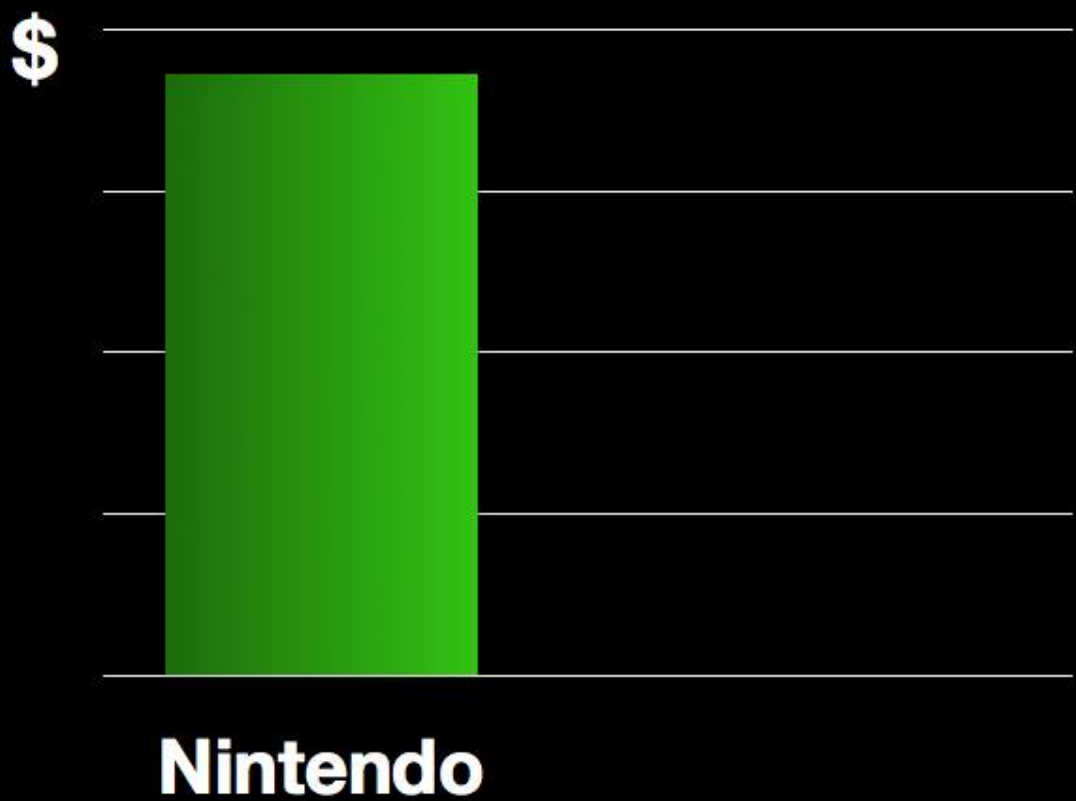
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KNOW



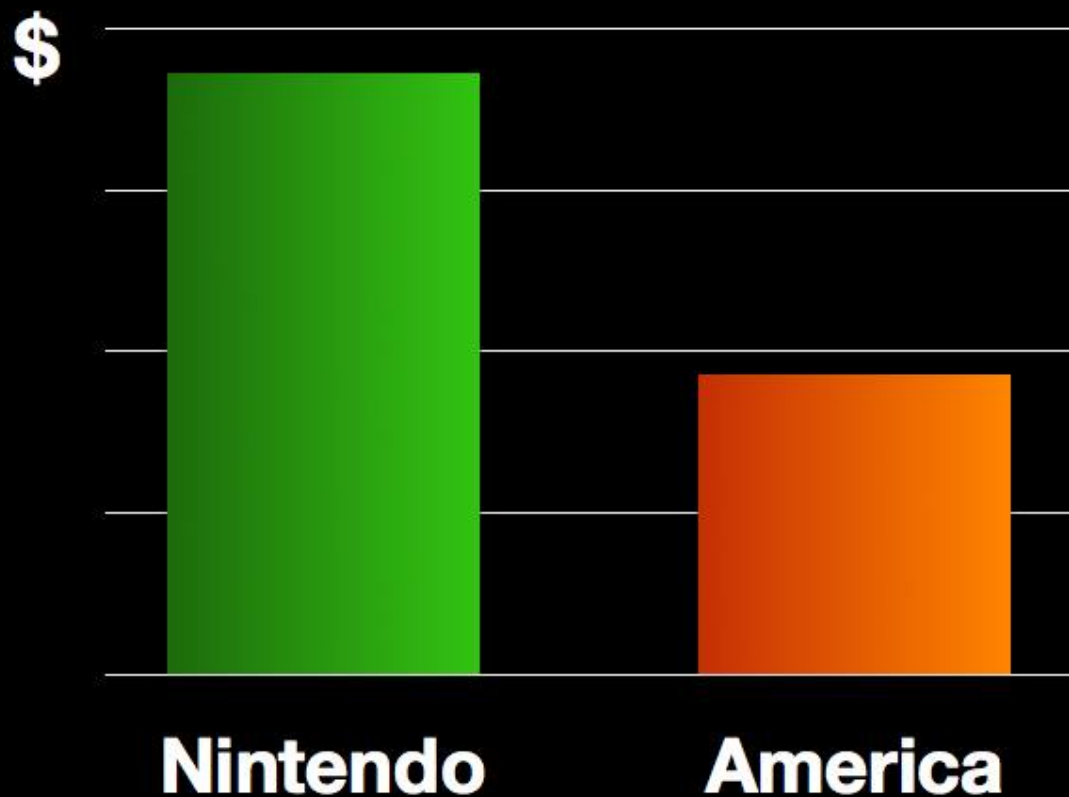
**The U.S. ranks
20th in the world
in broadband
internet
penetration**



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 image shows a screenshot of the MySpace website 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 the 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.
- 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 left, there is a grid of category links: 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



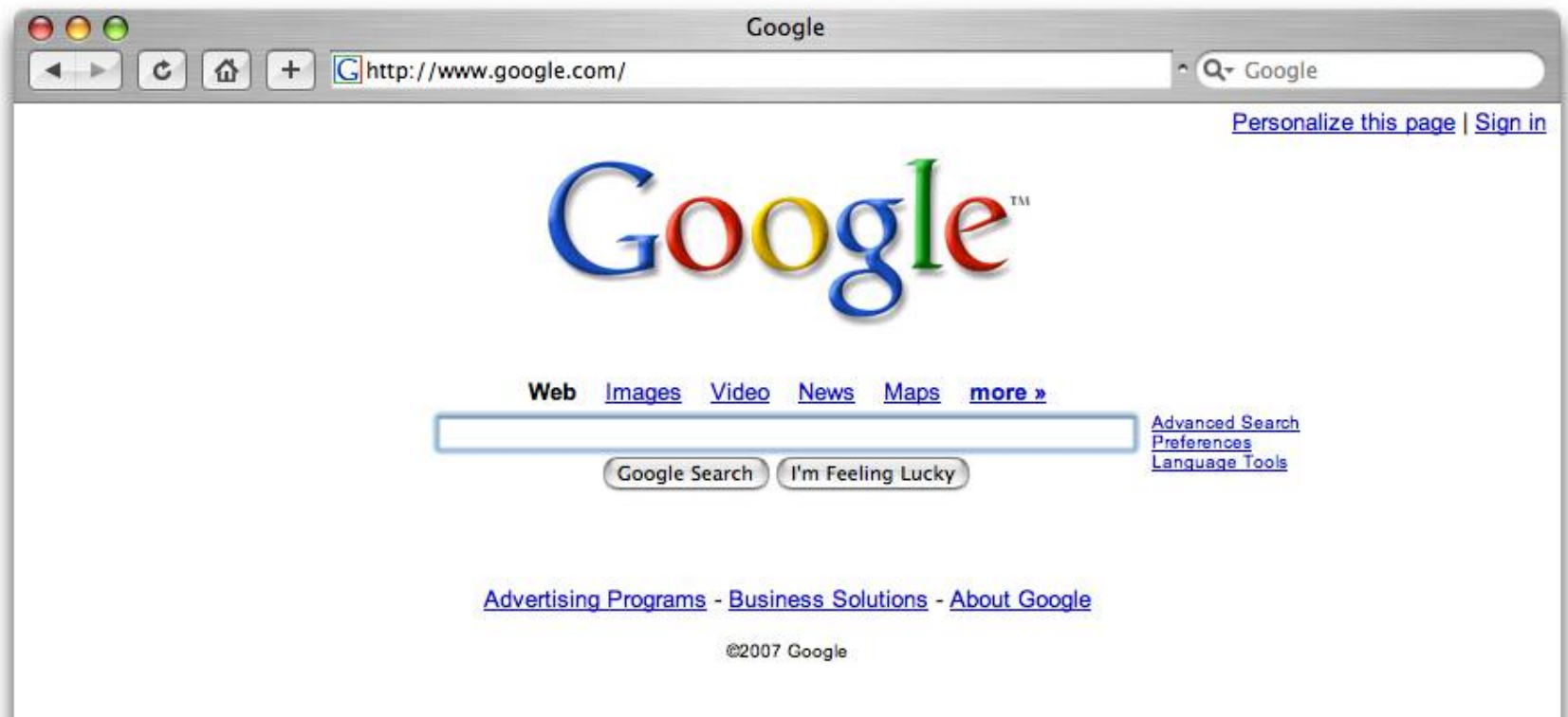
**DID YOU
KNOW**



**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 upper left quadrant. "We are living in" is in white, and "exponential times" is in orange. The text is slanted upwards to the right.

There are over 2.7 billion searches performed on Google each month



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

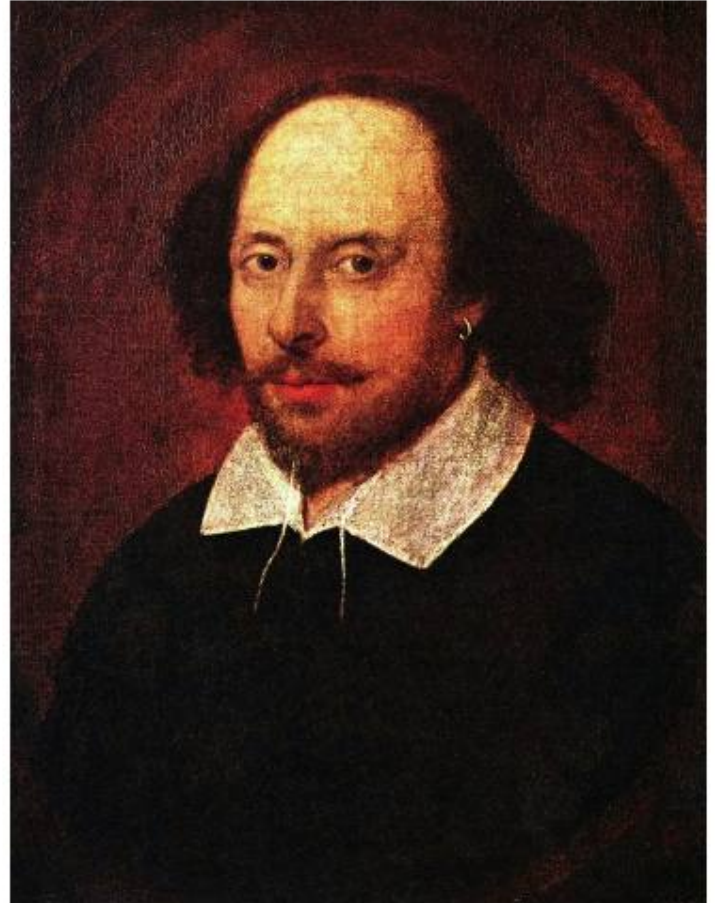


The number of text messages sent and received every day **exceeds the total population of the planet**



**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 (4.0×10^{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**

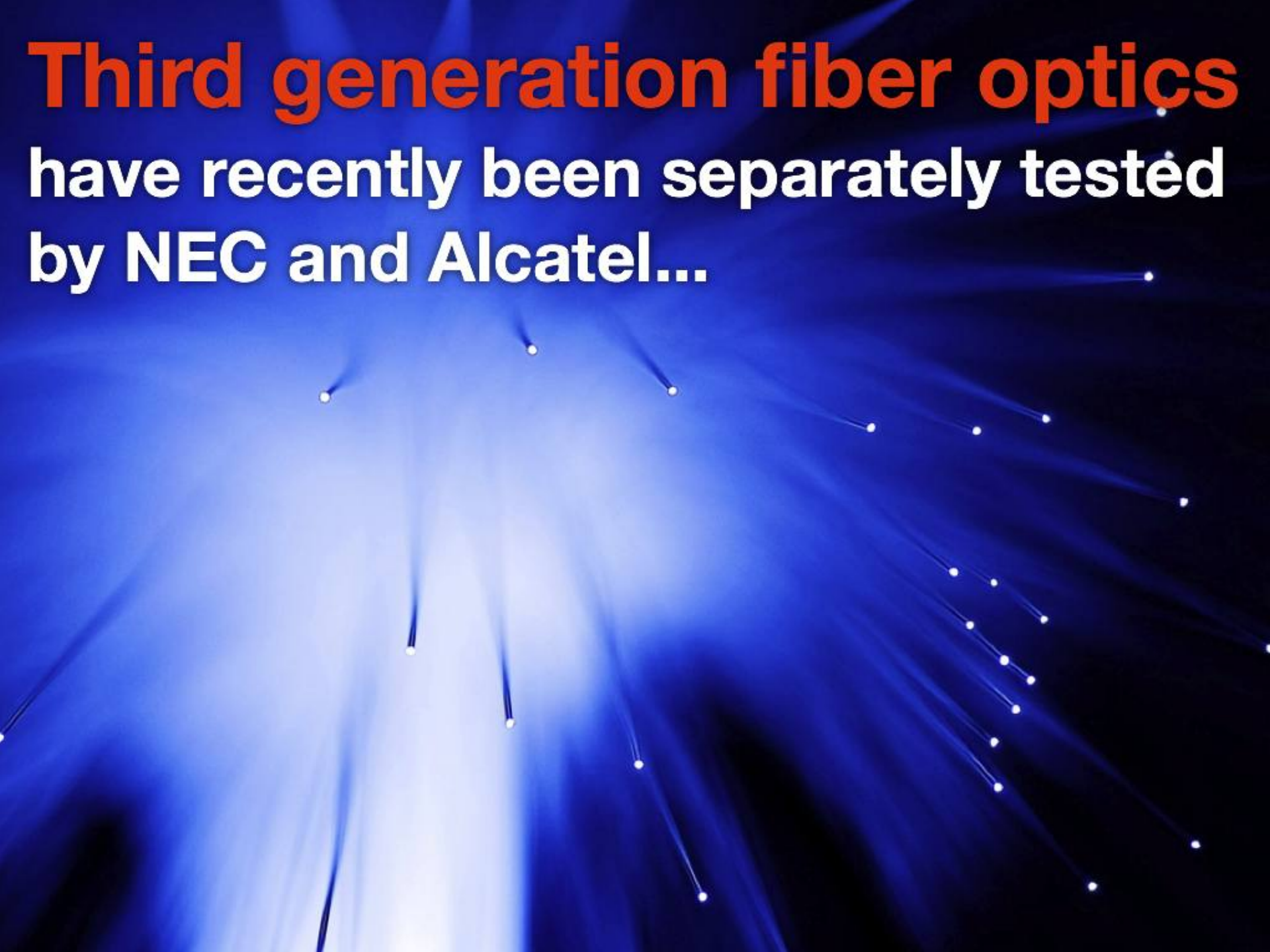
2X

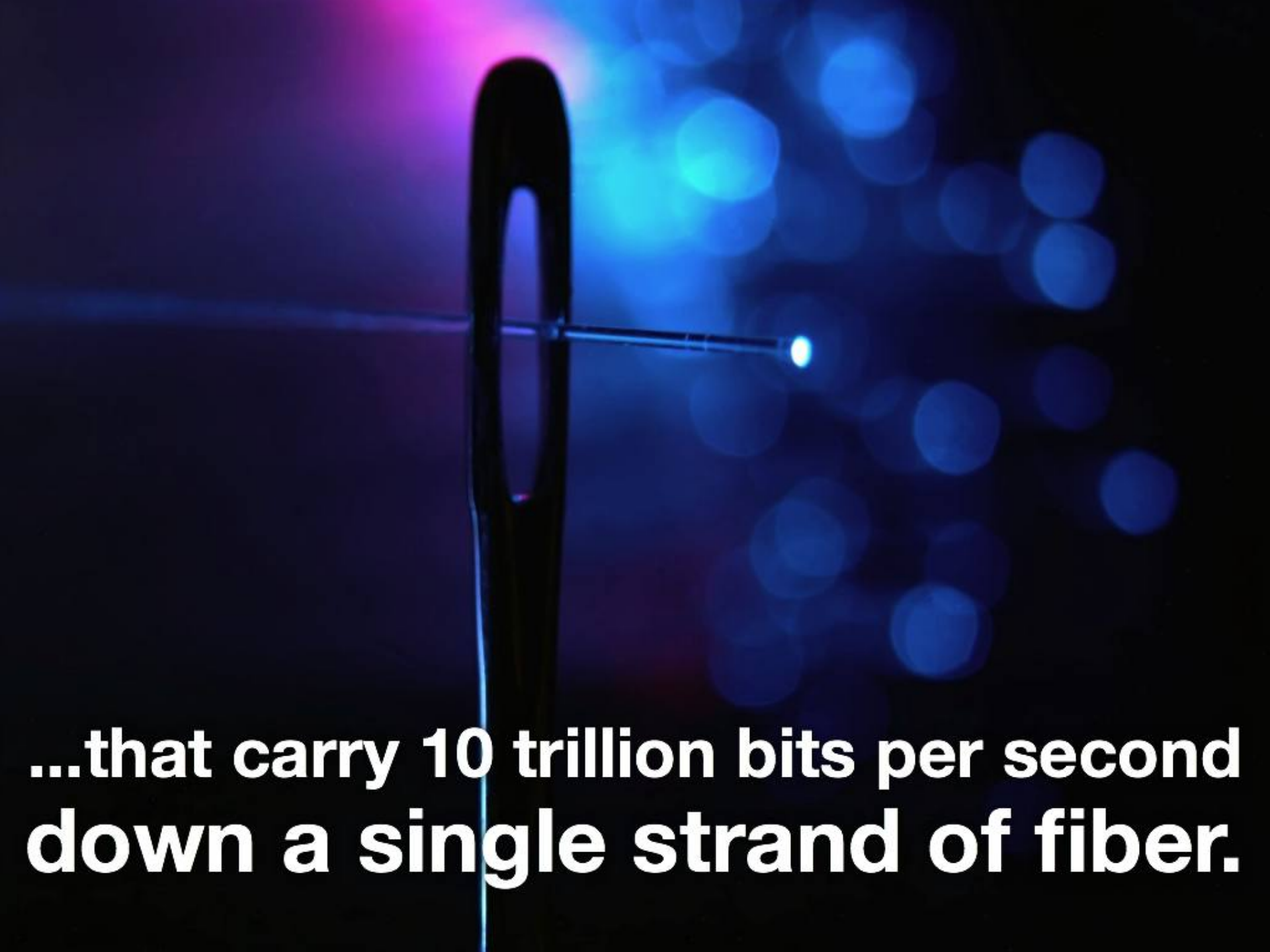
**For students starting a four-year
technical or college degree,
this means that...**

**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.**

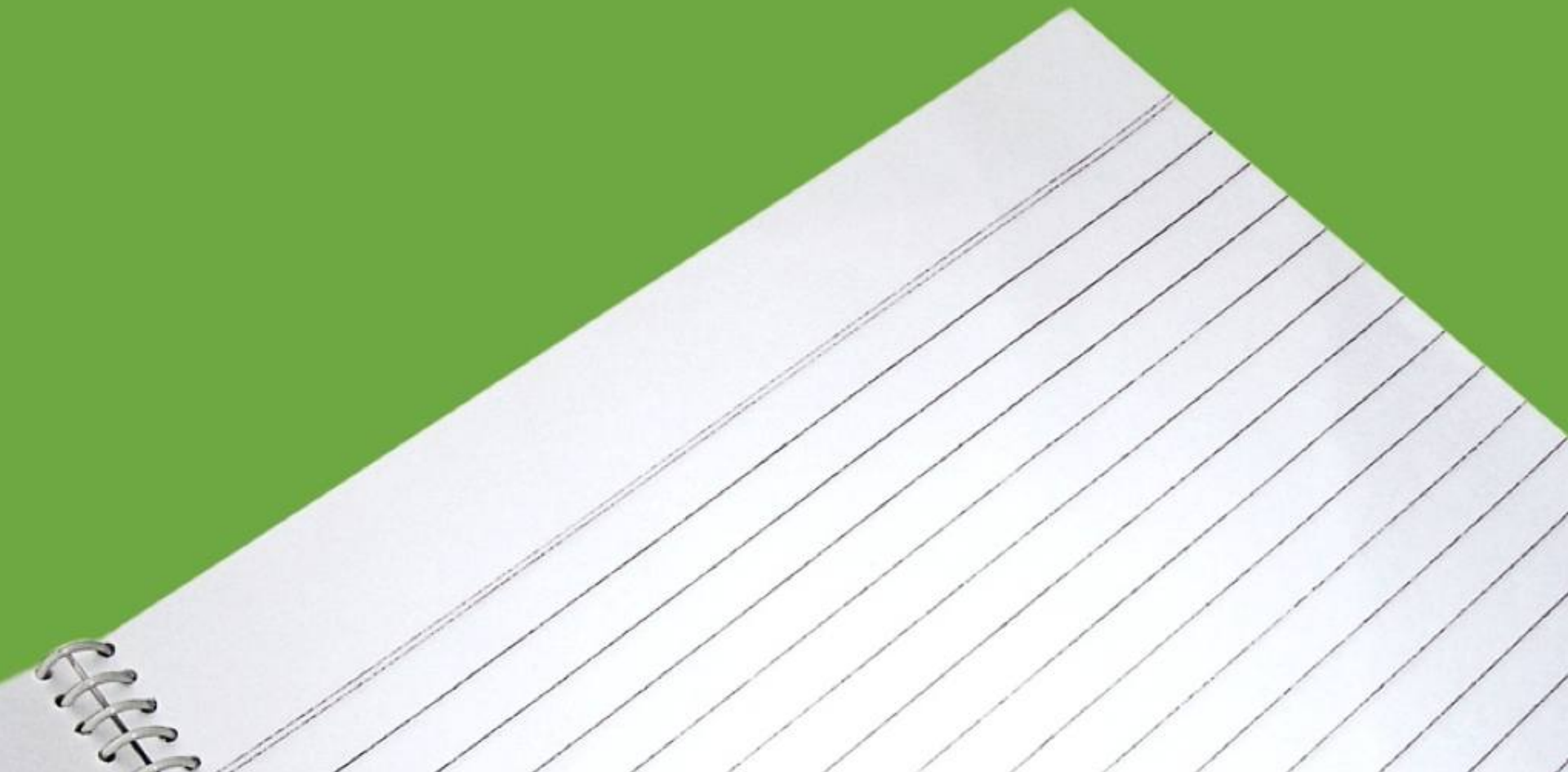
That is 1,900 CDs
or 150 million phone calls
every second



3x

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**

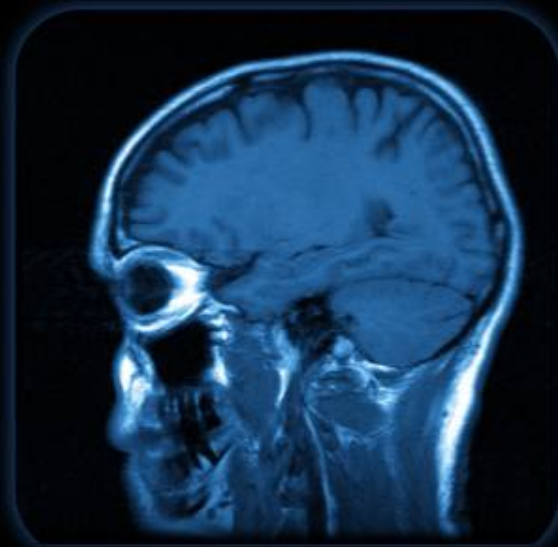




47 million laptops were shipped worldwide last year.

**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:

