Learning 3.0: Connected Learning

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Outline

- Where are we heading in E-education?
- What is Learning 3.0?
- Connected Learning
- Conclusions

Where are we heading in E-education?

Where are we heading in E-education?

- Space... the Final Frontier. These are the voyages of the starship Enterprise. Its five-year mission: to explore strange new worlds, to seek out new life and new civilizations, to boldly go where no man has gone before.
- Where is the final frontier for E-education that we should boldly go?

Where are we heading in E-education?

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  e

Tired of new learning technologies?

Tired of learning new systems?

Where are we heading in E-education?

How to help teachers and students succeed in a connected world?

The first thing to do: Let them be connected!

What is Learning 3.0?

- So now we are in Learning 3.0
- A quick quiz: What is BG?

Worldwide Facebook Users - 838 531 960

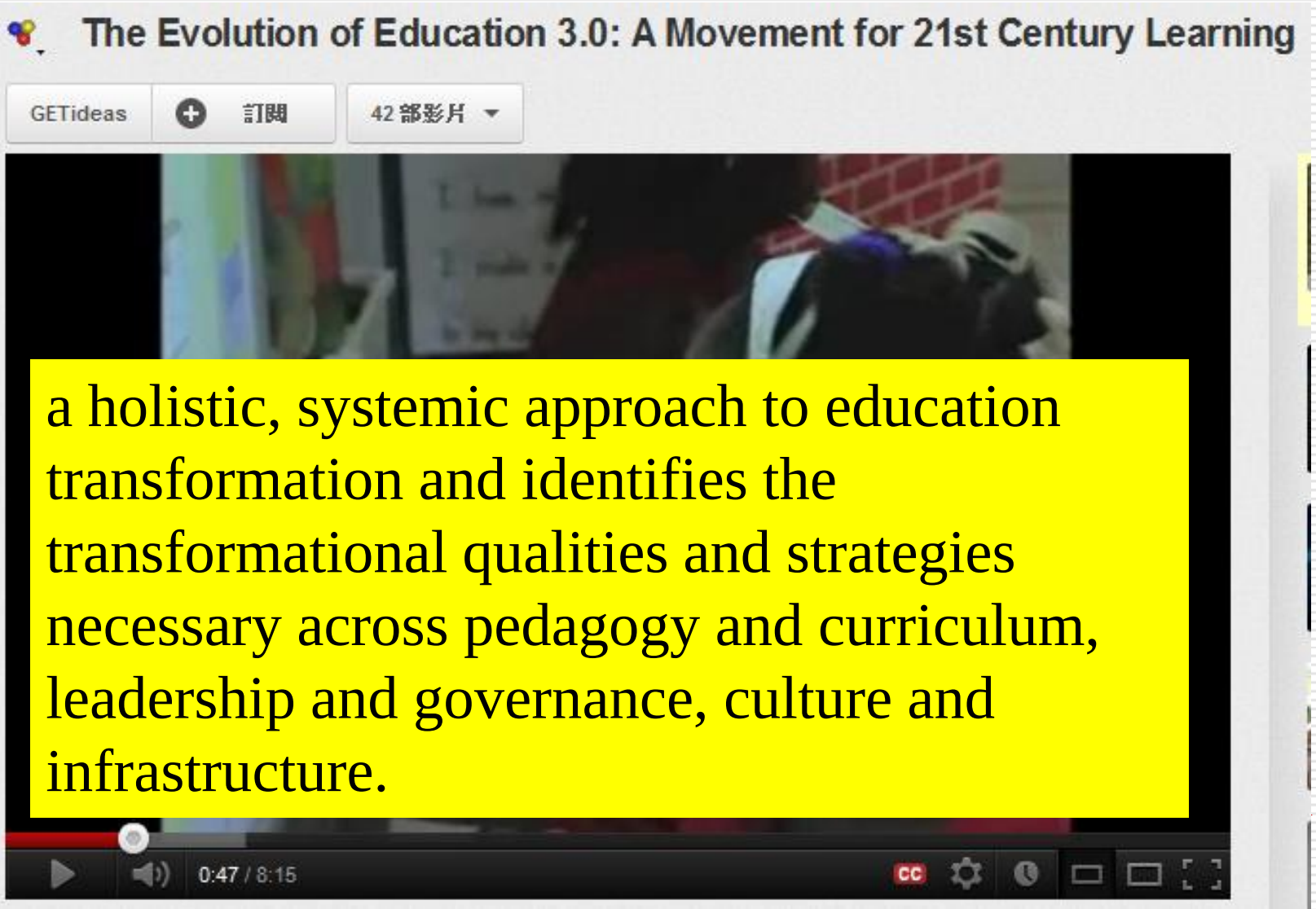
#	Country	Users
1.	United States	154 760 400
2.	India	45 868 120
3.	Brazil	44 184 160
4.	Indonesia	43 514 840
5.	Mexico	33 939 440
6.	Turkey	31 315 860
7.	United Kingdom	30 157 300
8.	Philippines	27 934 000
9.	France	24 068 600
10.	Germany	23 214 800

What is Learning 3.0?

collaborative and personalized learning, reusable learning content, and recognition of prior learning

	Education 1.0	Education 2.0	Education 3.0
Meaning is…	Dictated	Socially constructed	Socially constructed and contextually reinvented
Technology is…	Confiscated at the classroom door (digital refugees)	Cautiously adopted (digital immigrants)	Everywhere (ambient, digital universe)
Teaching is done …	Teacher to student	Teacher to student and student to student (progressivism)	Teacher to student, student to student, student to teacher, people-technology-people (co-constructivism)
Schools are located…	In a building (brick)	In a building or online (brick and click)	Everywhere (thoroughly infused into society: cafes, bowling alleys, bars, workplaces, etc.)
Parents view schools as…	Daycare	Daycare	A place for them to learn, too
Teachers are…	Licensed professionals	Licensed professionals	Everybody, everywhere
Hardware and software in schools…	Are purchased at great cost and ignored	Are open source and available at lower cost	Are available at low cost and are used purposively
Industry views graduates as…	Assembly line workers	As ill-prepared assembly line workers in a knowledge economy	As co-workers or entrepreneurs

What is Learning 3.0?



a holistic, systemic approach to education transformation and identifies the transformational qualities and strategies necessary across pedagogy and curriculum, leadership and governance, culture and infrastructure.

What is Learn

In real estate, i
business, it's di
differentiate."

In learning, it's
connection.

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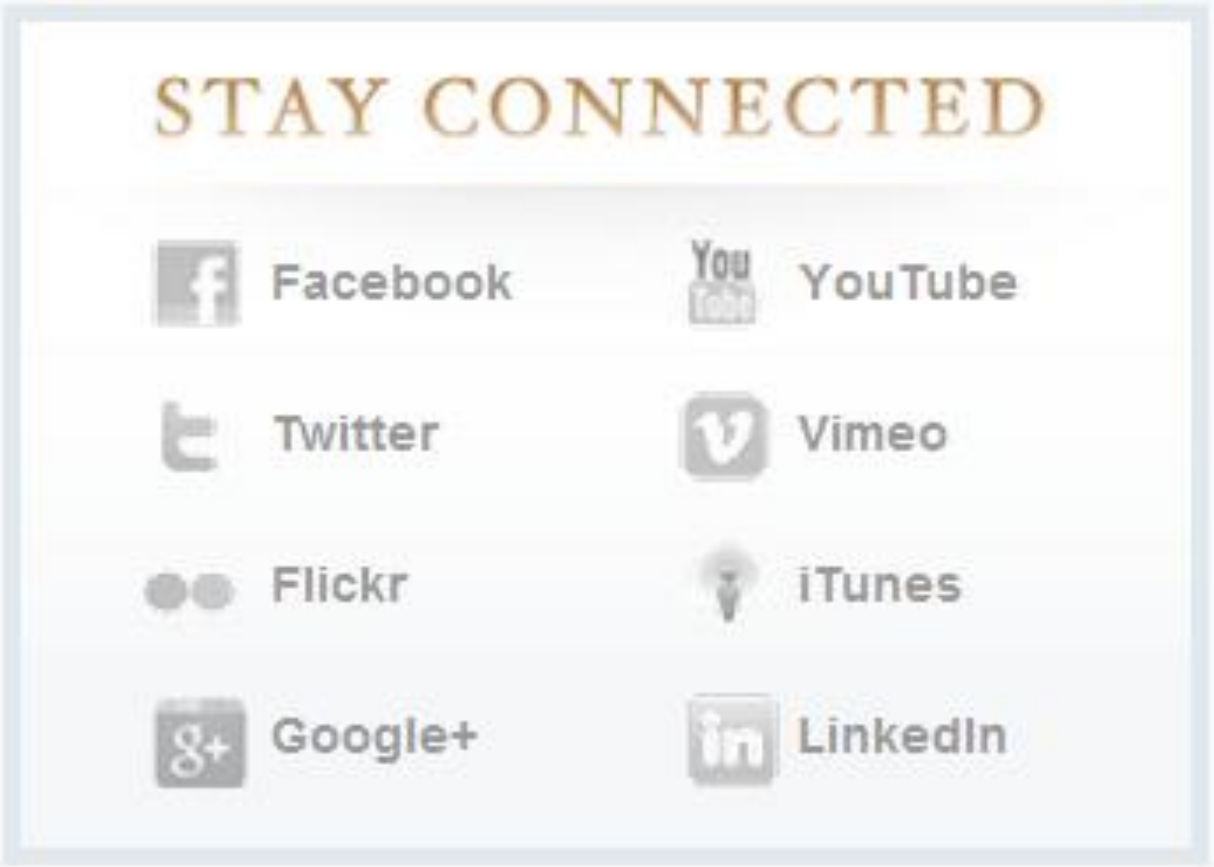


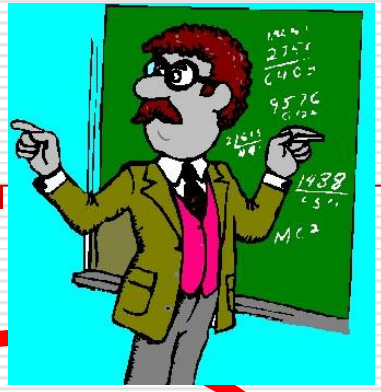
Q: What do you see as the biggest benefit of the Internet?

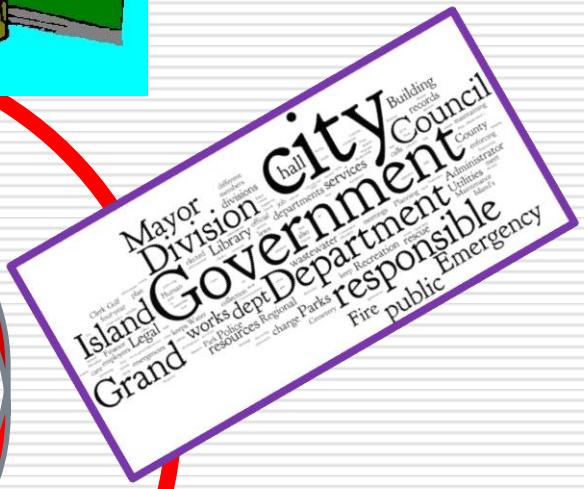
A: Hooking people together, intermediated by computing; hooking people to information, intermediated by a computer.

Connected Learning

Connected Learning

- Stakeholders in learning



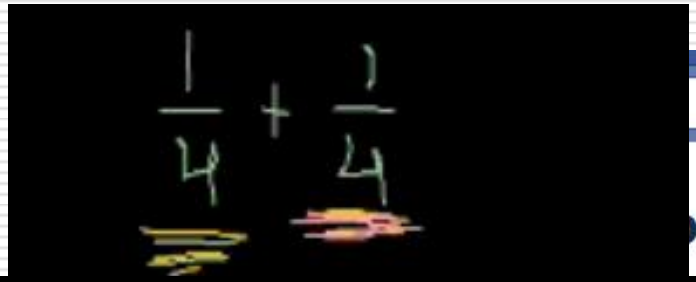


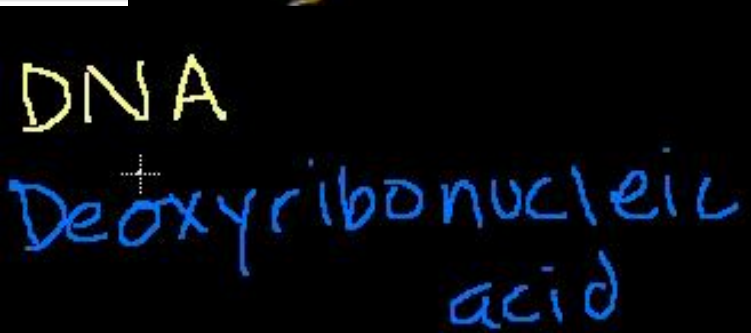
Connected Learning

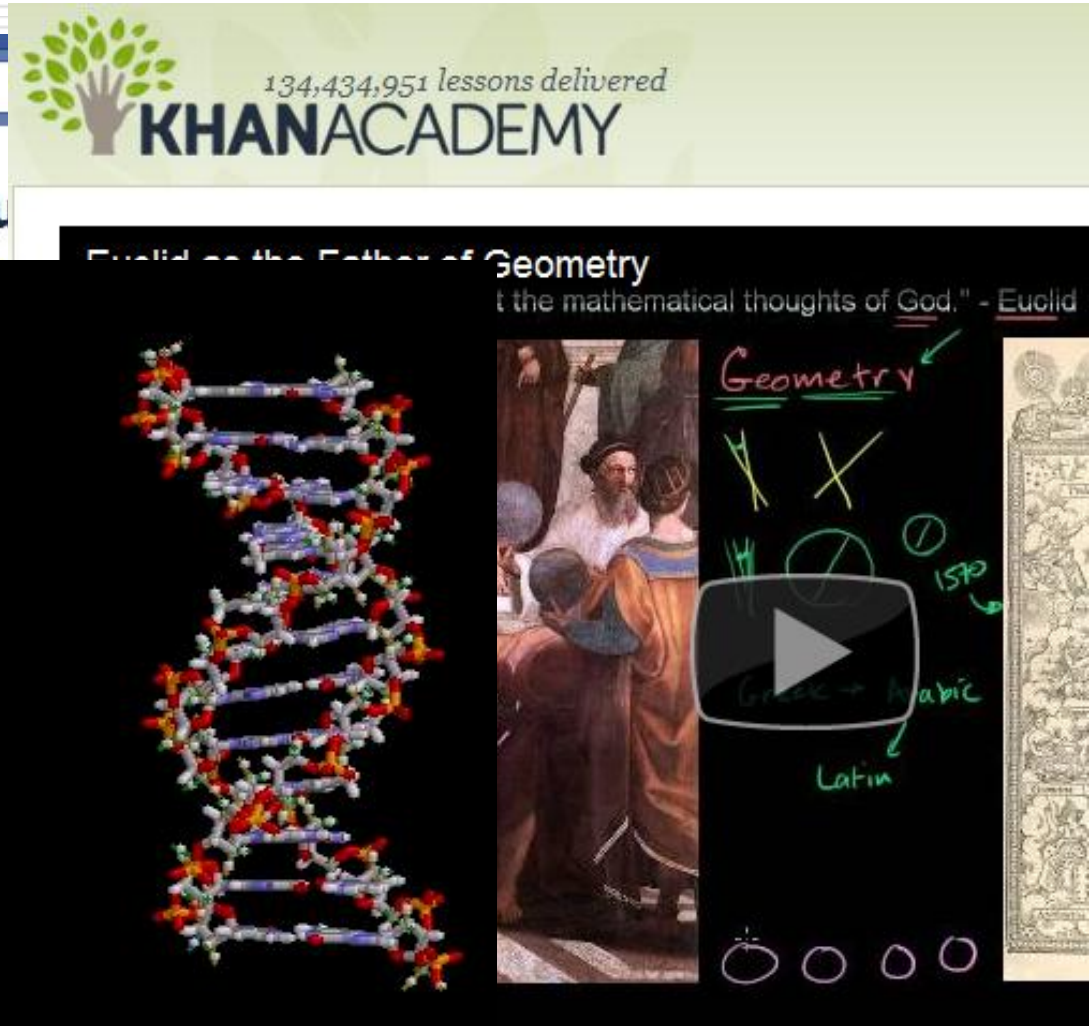
- Students connect with other students.

Connected Learning

- Teachers connect with students.







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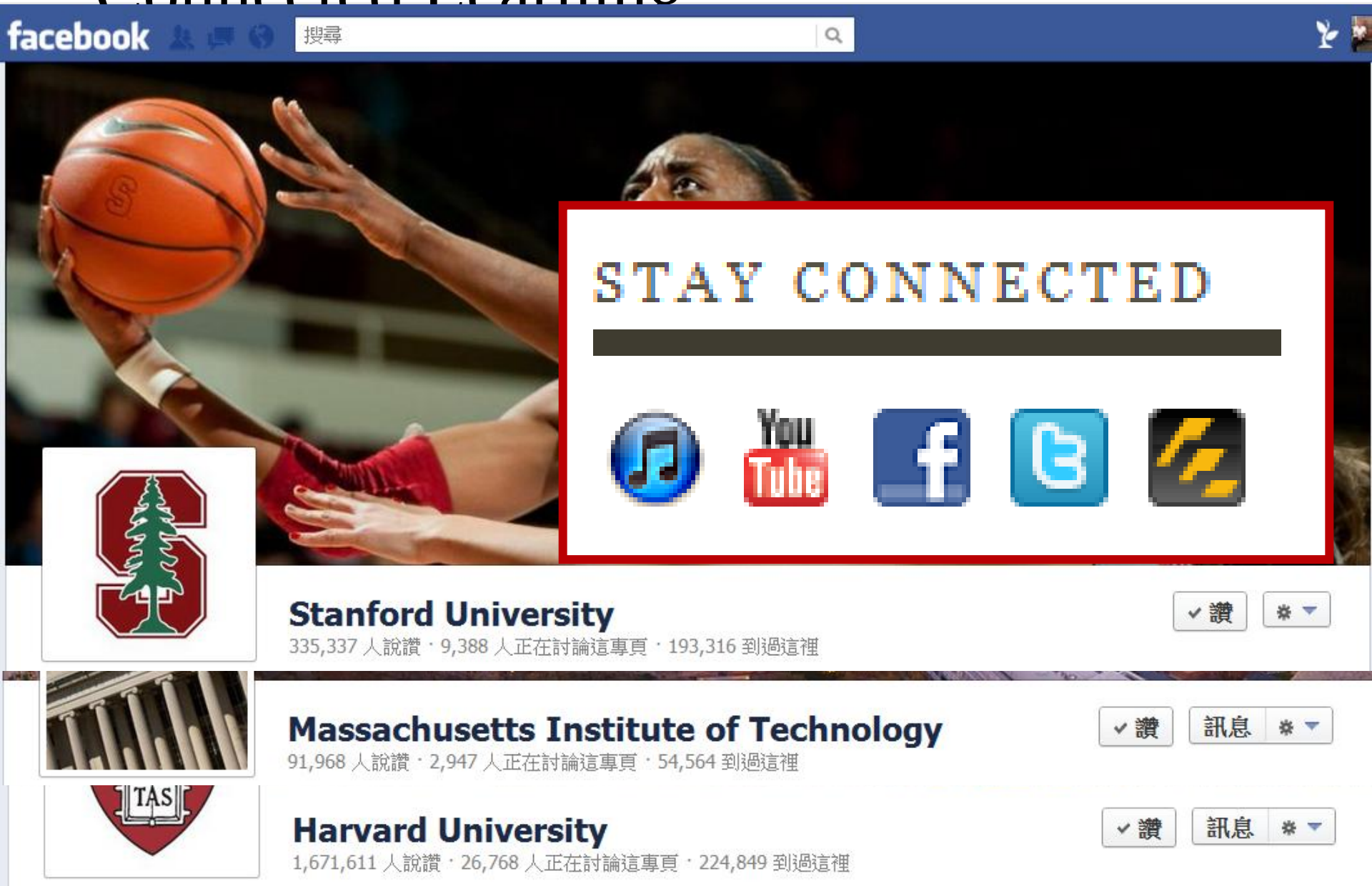
Connected Learning

- Teachers connect with other teachers.

Connected Learning



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New Permanent Secretary for Department for Education

Four Building Blocks of Educational Success

1 Increase access to global resources with a robust infrastructure

2 Develop 21st century college and career readiness

3 Foster strong professional development and support professional learning communities

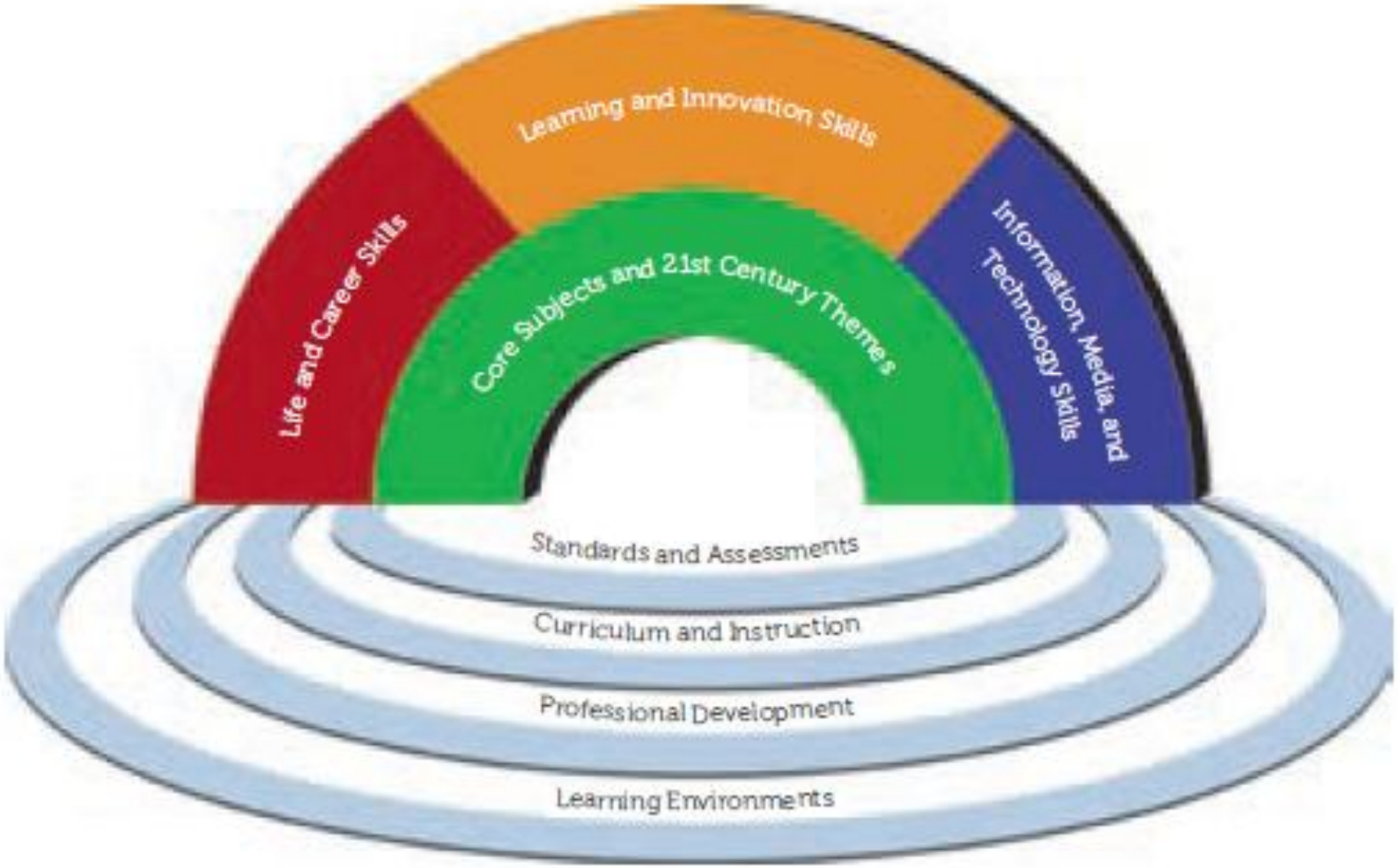
4 Ensure effective use of data and accountability

Policymaker roles

Policymakers have a key role to play in making this vision a reality. Specifically, policymakers can:

- Support high-speed broadband deployment and adoption so that every student, school, library, parent and community member can have online access
- Allocate dedicated funding for IT in education that will enable school districts to use funds on IT-related products, services and infrastructure
- Ensure that textbook funding may be used for e-textbooks and digital content, which are interactive and can be instantly updated

Connected Learning



Connected Learning

- Foster strong professional development and support professional learning communities

Policymaker roles

Policymakers can improve teacher quality by:

- Supporting programmes that provide educators with opportunities for professional development
- Ensuring access to professional learning communities
- Ensuring funding is allocated for educator ICT training to improve readiness for adoption of ICT facilitation in the classroom

and districts, giving educators efficient ways to access expertise and information from around the world.

Connected Learning

- Ensure effective use of data and accountability

Policymaker roles

Policymakers can help education stakeholders make more effective use of data and hold schools accountable by:

- Prioritising the development of comprehensive data systems that track individual students' progress from junior school to higher education to foster continuous improvement and personalise learning
- Integrating data analysis and use into educators' professional development to help ensure educators know how to access, analyse, and use data effectively
- Implementing balanced accountability systems

Conclusions

Conclusions

Students:

1. Active participants in and champions of their own learning
2. Collaborate with peers and teachers
3. Make more effective and creative use of the array of knowledge, information and tools inside and outside of school

Conclusions

Teachers:

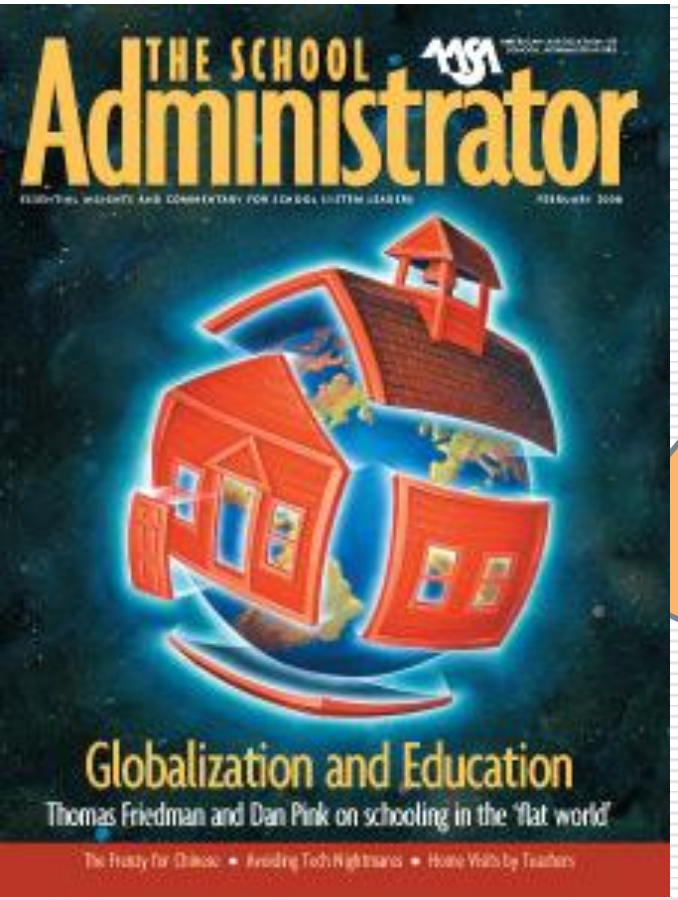
1. Access and collaborate with their peers globally
2. Motivate and engage all students in learning during and beyond the school day

Conclusions

Parents:

1. Be informed advocates and partners in their children's education
2. Gain clear insights into learning progress

Conclusions



Administrators:

1. Improve management and productivity
2. Address student needs
3. Make the most of scarce budgetary resources

Conclusions

Policymakers:

1. Have better access to data to focus their support and investments in education with timely and relevant strategies

"Moving from the one-room schoolhouse to the one-world schoolhouse is now a reality."
Cisco Systems Inc.

Dream how technology can not only improve education but also transform what we think of as education.

— U.S. Secretary of Education Rod Paige