



Creativity in Education

Dr Tim Kitchen
<http://timkitchen.net/>



**Creativity now is as important in
education as literacy and we should
treat it with the same status.**

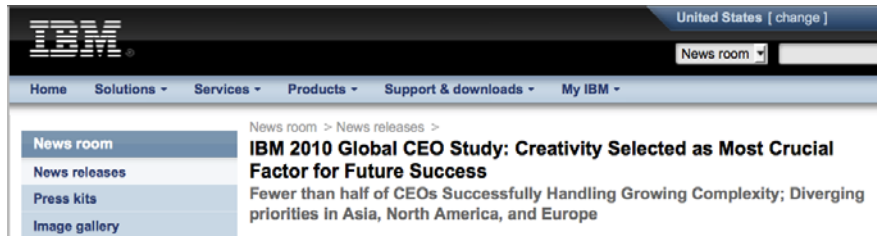


Sir Ken Robinson

Why is creativity
important in education?

**Sir Ken Robinson Video Series
from Adobe Education**





1500 CEOs
60 countries
33 different industries

Developing creativity is vital

Creativity is the process of having original ideas that have value.



Sir Ken Robinson

Helping people to connect with their personal creative capacities is the surest way to release the best they have to offer.



Sir Ken Robinson

Creativity involves putting your imagination to work. In a sense, creativity is applied imagination.

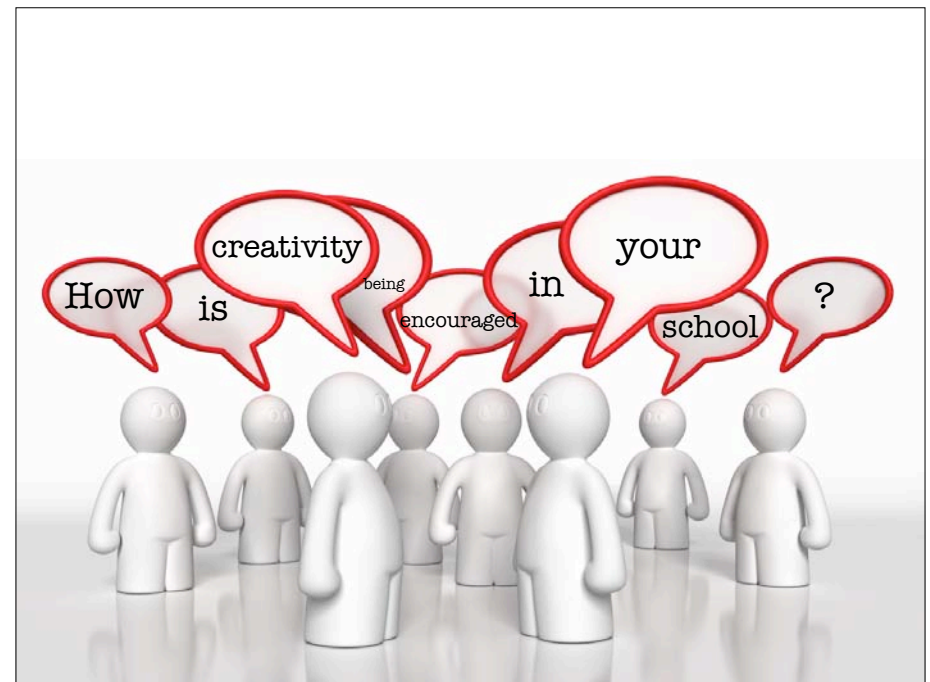


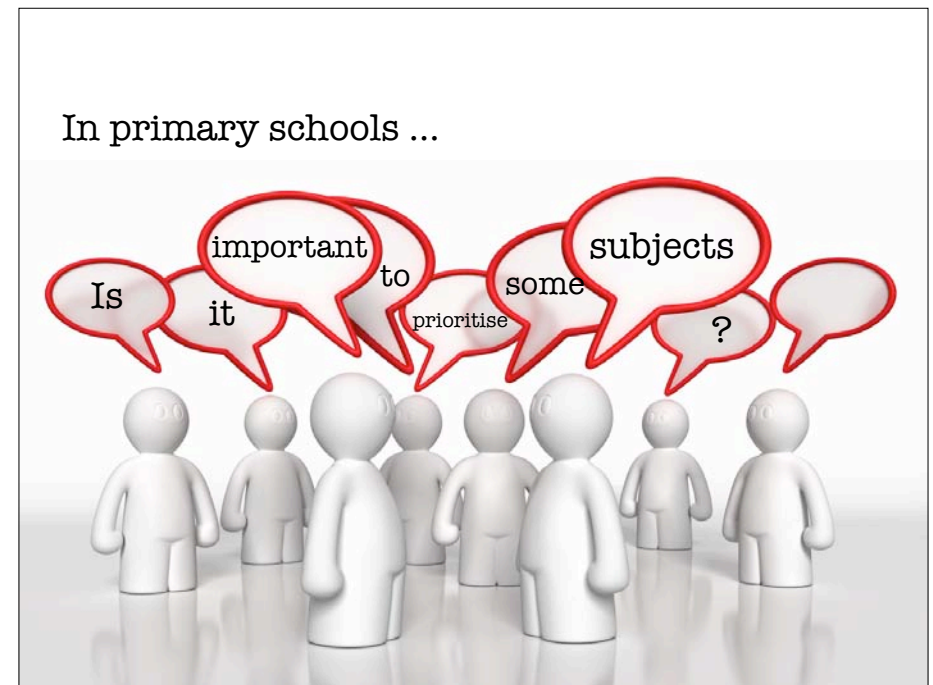
Sir Ken Robinson

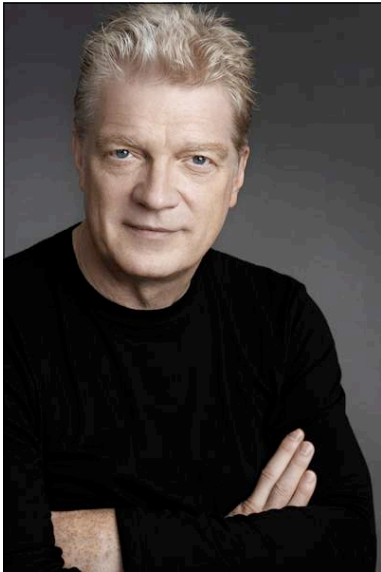


**If you're not prepared to be wrong,
it's unlikely that you'll ever come up
with anything original.**

Sir Ken Robinson





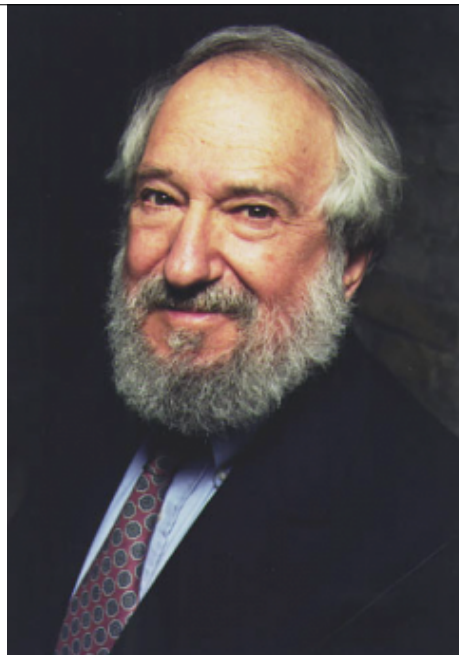
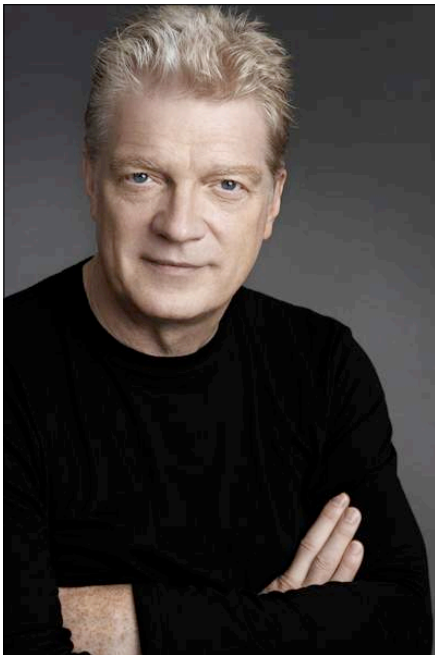


To flourish we need to think differently about our abilities and to ... *run our organisations and especially our **education systems** in radically different ways.*

Sir Ken Robinson

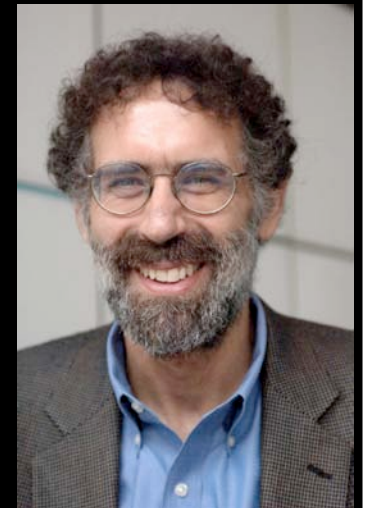
What is your hope
for the future of creativity?

Sir Ken Robinson Video Series
from Adobe Education



Mitch Resnick
MIT Media Lab

Success will be based on our
ability to think and act
creatively



Sir Ken Robinson

Author, speaker & international
education advisor



‘Creativity is the greatest gift
of human intelligence.’

The heart of digital transformation is creativity

state of create study

Global benchmark study on attitudes and beliefs about creativity at work, school and home April 2012

5,000 participants
5 countries

Global benchmark study on attitudes and beliefs about creativity at work, school and home, April 2012

8 in 10 people feel that unlocking
creativity is critical to economic growth

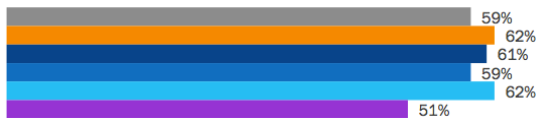
Nearly two-thirds of respondents feel
creativity is valuable to society

Only 1 in 4 people believe they are living
up to their own creative potential

Global benchmark study on attitudes and beliefs about creativity at work, school and home, April 2012

Creativity is being stifled by education

Our creativity is being stifled by our educational system



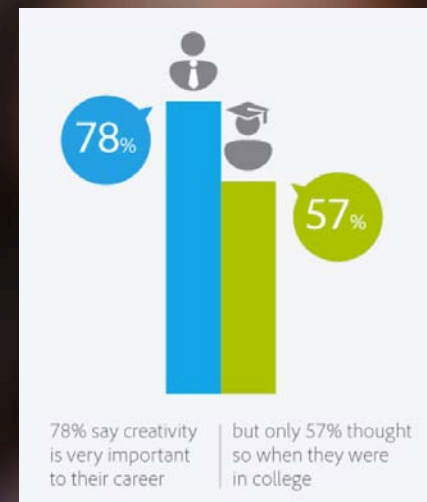
Students and educators need the tools to think, collaborate and communicate creatively



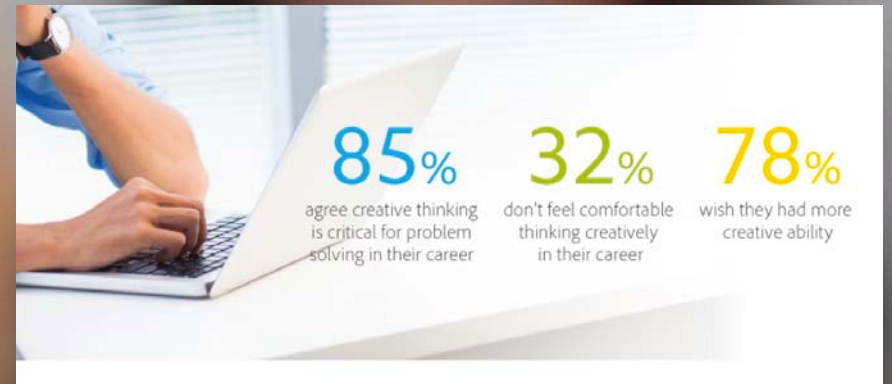
Global benchmark study on attitudes and beliefs about creativity at work, school and home, April 2012

Creativity and Education: Why it Matters

The value of creativity in education and impact on career success



82% wish they had more exposure
to creative thinking as students




Creativity is the new
economy

Harness our own creativity
Leverage the creativity of others
Collaborate creatively to build ...
new enterprises
new ways of living



Foundations start with you

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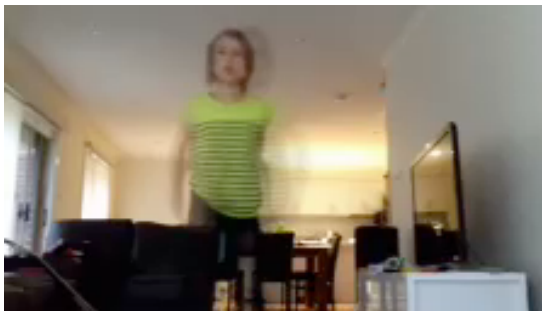
See it in action!

Party Rock Anthem

Record Anywhere
Inspiration can strike anywhere, so capture it in a music video wherever you go on your favorite iOS device!

Super Simple
Nothing to learn, no editing required. Just lip sync or dance for a perfect performance every time.

Instant Fame
One button YouTube uploads and easy Facebook and Twitter posts. Your adoring audience awaits!



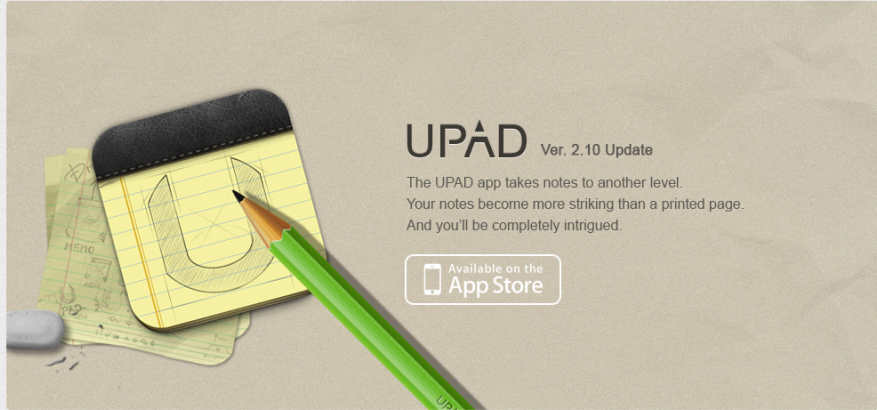
Subject	Benefit
Reading	The names of items in the inventory are a great place to start teaching children to read, since each item has a tooltip and image which go together. For older children, reading the wiki and online guides can extend their skills.
Math	The crafting system can help in teaching basic math (e.g. I need 3 Sugar Cane for Paper), which transitions to multiplication (I need 3 Paper and 1 Leather for a Book , and 3 Books for a Bookshelf , so I need 9 Paper and 3 Leather all together) and division (When I create Paper I get 3 at once, so $9/3 = 3$ times per Bookshelf I'll have to create Paper).
Geometry	While the <i>Minecraft</i> world is only made up of cubes , the creations a child makes may resemble other shapes. Parental involvement can help teach children to recognize these shapes (cube, cuboid, square based pyramid, etc.). Also, counting the number of blocks that were dug out when making a 6x6x3 cave can help multiplication skills and understanding the of concepts of volume and area.
Music	With the preparation of some Redstone circuitry , experimenting with Note Blocks can teach children about notes, octaves and chords.
Social skills	By setting up a private server , parents can provide a safe environment for children to interact with friends and make playing <i>Minecraft</i> a cooperative event. Using a Local Area Network (LAN, or "home network") will allow children to play in the same room with their friends. By using Voice over Internet Protocol (VoIP, or "voice chat"), a phone call, or the in-game text chat, they can play together wherever they are. Either method allows children to work together to build, explore, and learn as they develop their social skills, especially teamwork. For older children, contributing to the Minecraft Wiki can be a chance to learn about Internet etiquette and collaboration.
Basic Computer Science	Redstone circuitry provides an interactive environment to build basic logic circuits and combine them for more sophisticated purposes. Feedback is immediate, and the mistakes don't destroy expensive electrical components.

Education Benefits of



UPAD

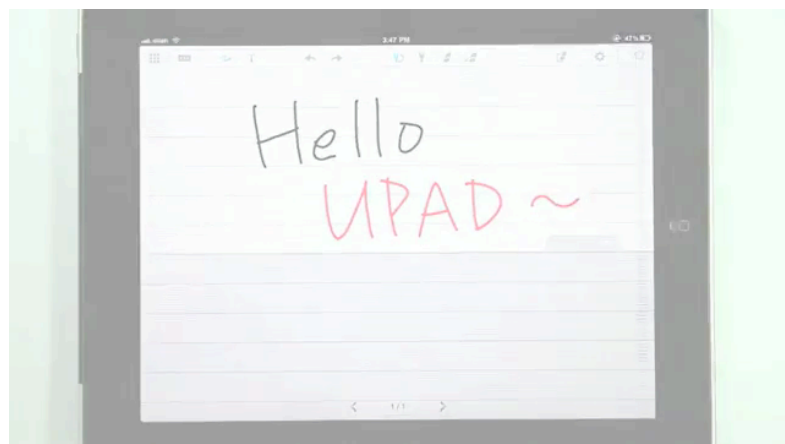
FeaturesUpdateUserguideSupport



UPAD Ver. 2.10 Update

The UPAD app takes notes to another level. Your notes become more striking than a printed page. And you'll be completely intrigued.

Available on the App Store



UPAD

<http://www.youtube.com/watch?v=d2c5sdXu91s>

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GarageBand '11

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