



AUSTRALASIAN  
PARLIAMENTARY  
EDUCATORS

CONFERENCE CANBERRA 2013

**Session 9**

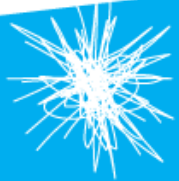
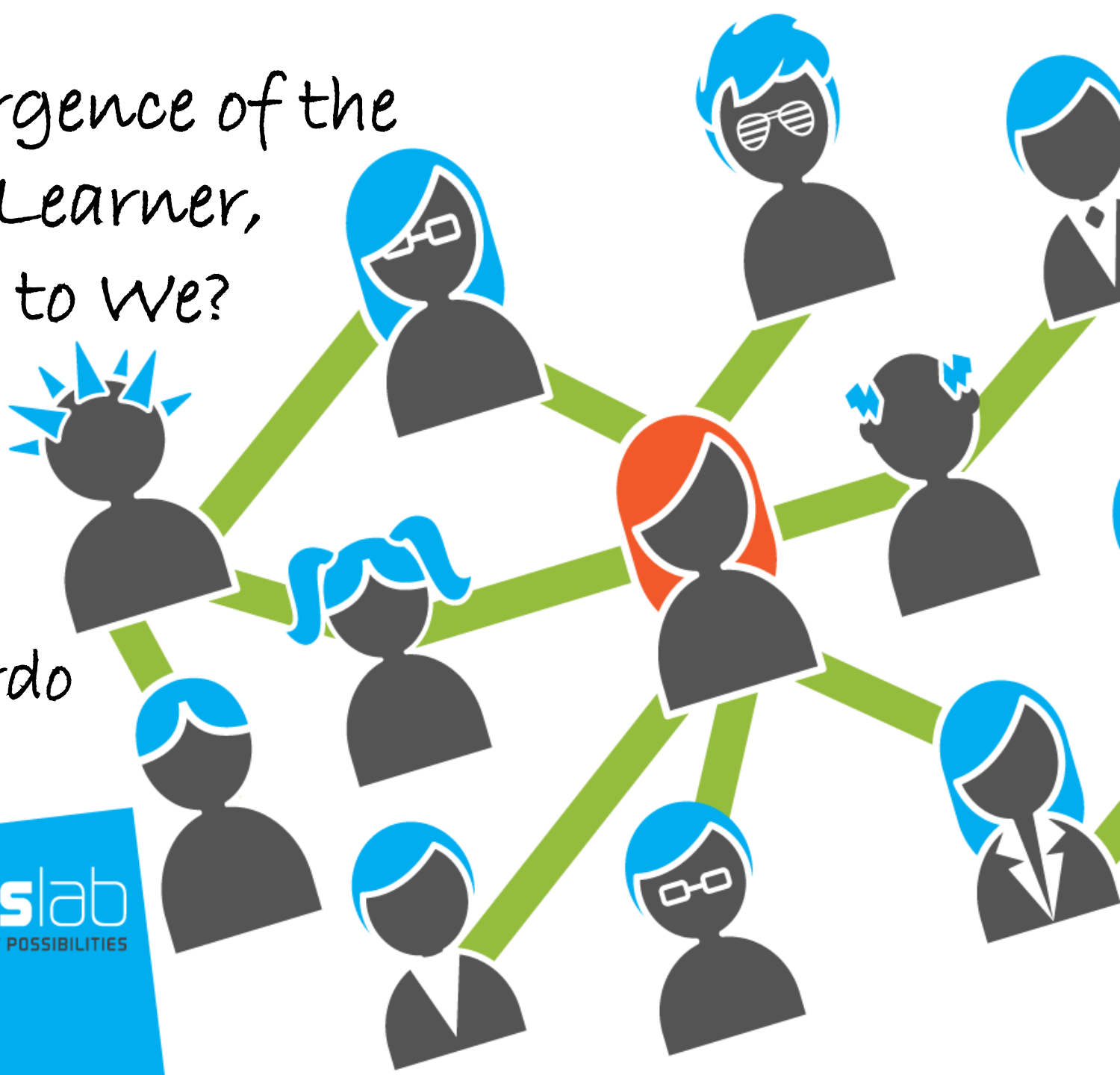
# **The Emergence of the Modern Learner: From Me to We**

**Dr Sofia Pardo**  
**IdeasLab**



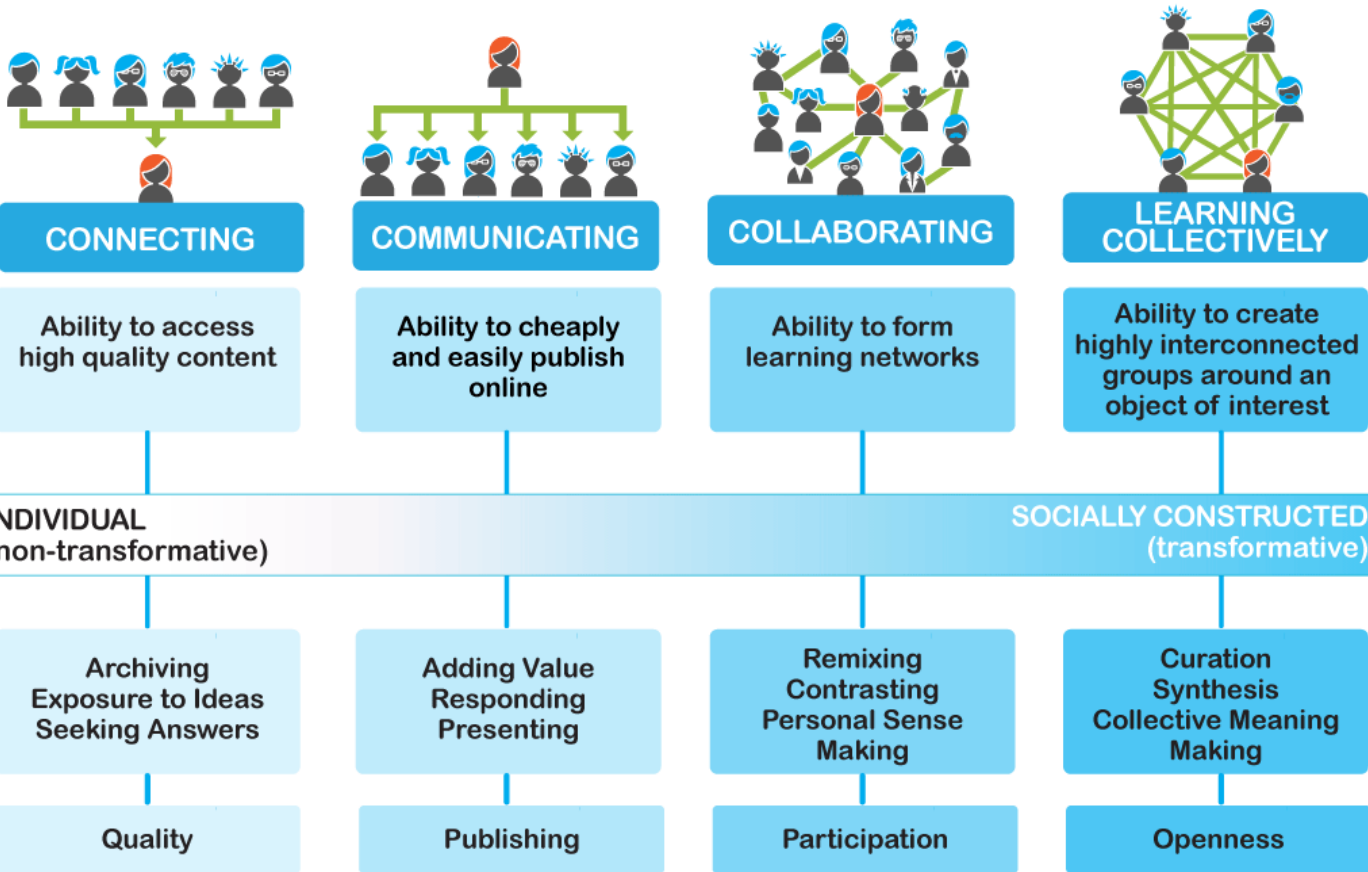
# The emergence of the Modern Learner, from Me to We?

Sofia Pardo  
PhD



**ideaslab**  
EXPLORING NEW POSSIBILITIES

# RELATIONSHIPS



MADE POSSIBLE BY THE..

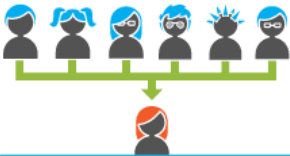
INDIVIDUAL  
(non-transformative)

SOCIALLY CONSTRUCTED  
(transformative)

RESULTS IN:

RETHINK:

# RELATIONSHIPS



**CONNECTING**

MADE POSSIBLE BY THE..

Ability to access high quality content



RESULTS IN:

Archiving  
Exposure to Ideas  
Seeking Answers

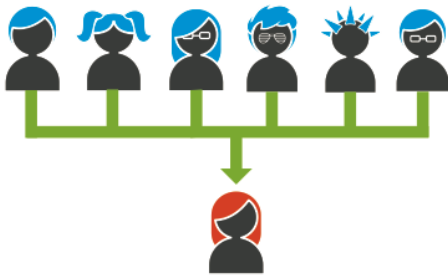
RETHINK:

Quality

# Activities

How does the availability of diverse, high quality and easily accessible content change the way our students learn?

## Connecting



## Archiving

## Exposure to Ideas

## Seeking Answers

## delicious bookmarking

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The Web is a big place, full of new and interesting things to discover. The problem is finding the good stuff and keeping track of it all. This is where Delicious can help.

Delicious is a Social Bookmarking service, which means you can save all your bookmarks online, share them with other people, and see what other people are bookmarking. It also means that we can show you the most **popular** bookmarks being saved right now across many areas of interest. In addition, our search and tagging tools help you keep track of your entire bookmark collection and find tasty new bookmarks from people like you. [Join Now!](#)

All your stuff in one place.  
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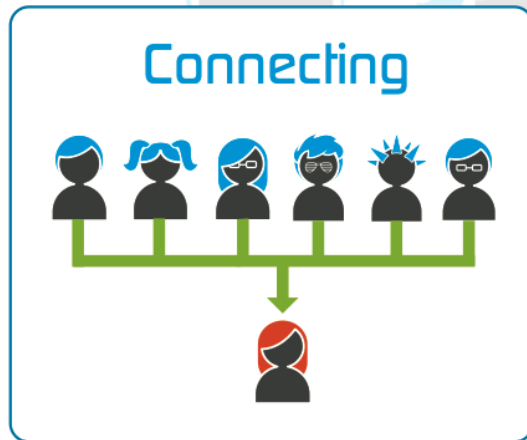
Are you having a hard time keeping track of all the interesting Web pages you find? Would you like access to your bookmarks from any computer? Delicious can help.

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# Pedagogies

What opportunities are presented to schools when leveraging content on the Internet?



Flipped Learning

Learning Objects

Smart Software

69,006,085 lessons delivered  
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Salman Khan talk at TED 2011 (from ted.com)

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Watch a video

Practice with an exercise

Khan Academy on the Gates Notes

Overview of our video library

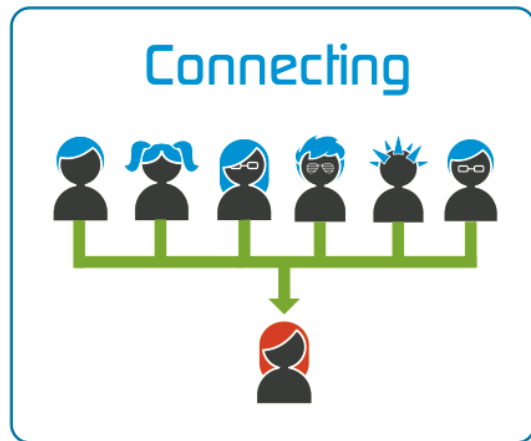
Sal Khan talk at GEL 2010

Khan Academy on PBS NewsHour

Browse our library of over 2,400 educational videos...

<https://www.khanacademy.org/>

## Critical Reflections:

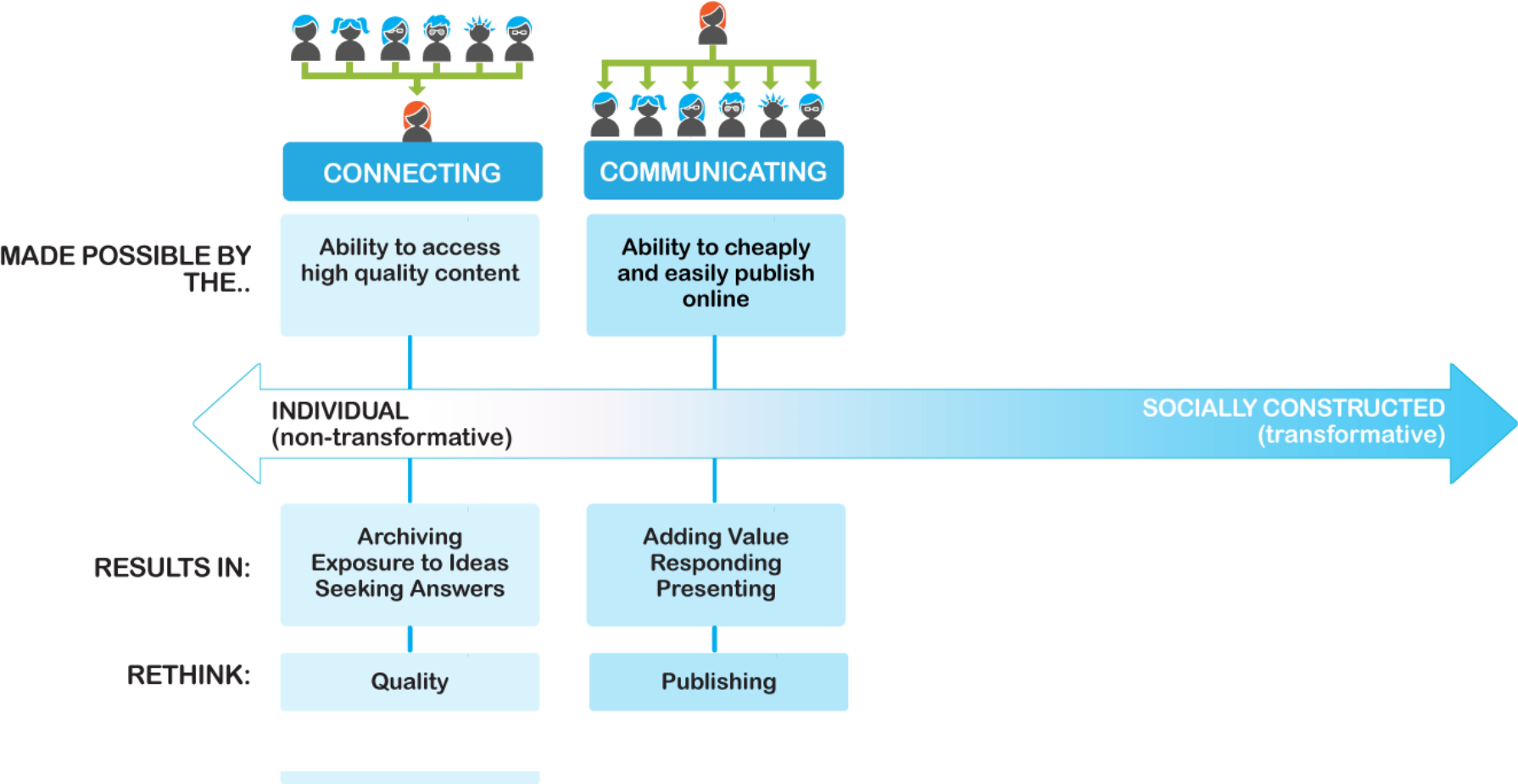


Rethink  
Quality

Rethink  
Access

- Is it the teacher's role to quality assure online content?
- Schools (and others) who try to compete with the Internet on creating quality content are destined to fail.
- Critical consumption is a key competency of the 21st century learner.

# RELATIONSHIPS

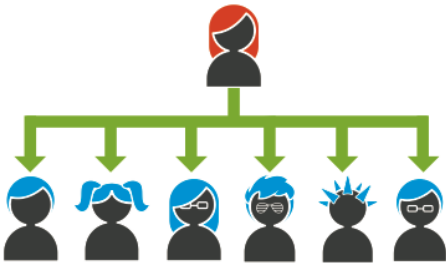




# Activities

How does easy online publishing change the way that our students learn?

## Communicating



Adding Value

Responding

Presenting

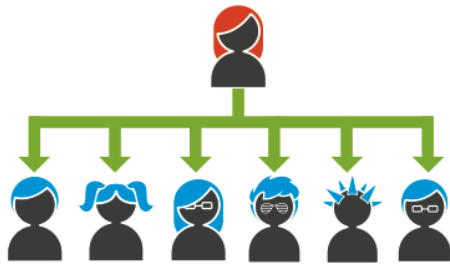
The screenshot shows the homepage of 'The Sporting Journal'. At the top, there's a navigation bar with 'HOME', 'ABOUT', 'THE TEAM', 'BLOG', and 'COMPETITIONS'. Below that, there are sport categories: AFL, Football, Cricket, Basketball, NRL, Union, Netball, Olympics, and Other Sports. A large banner for 'The Sporting Journal' features a Ben & Jerry's advertisement with the text 'Open your own BEN & JERRY'S franchise NOW!' and a 'FIND OUT MORE' button. The main content area features a large article titled 'LANCE'S FALL FROM GRACE?' with a sub-headline 'Sports fans are divided into two camps when it comes to Lance Armstrong. Guilty or not guilty. There's not much black and white when it comes to...'. Below this are three smaller article thumbnails: 'Mick Fanning Wins Billabong Pro Tahiti', 'Armstrong Very Hard Done By', and 'Lance's Fall from Grace?'. A 'VIDEOS' section and a 'MOST READ' list are also visible at the bottom.

<http://www.sportingjournal.com.au/>

# Pedagogies

What opportunities are presented to schools when students publish online?

## Communicating



Digital Portfolios

Reflective Practice

**jarrod2010's Blog**  
Just another global2.vic.edu.au weblog

Adding value, responding & presenting

Home About kahootz

« King Tut 15 minutes more »

**Jun 27 2011** **suprise meeting**  
Posted by jarrod2010 in home work writing

"Beep beep beep." Simon slowly got up from his bed and made his way to the coffee machine. He looked at the time, and then dropped his coffee on the ground.

explained to his dog called Sniffer. He quickly fed Sniffer and went to the car. When he got to the car a casual had happened, his next door neighbour didn't come out for his morning lecture.

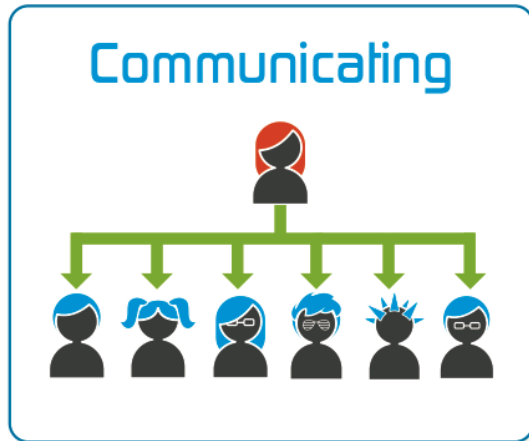
mood because he was one of the people that was going on Apollo 7. When he got to NASA he was an hour later they were suited up and in the space craft.

10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0 blast off! As Apollo 7 slowly took off from the planet, a small dust cloud formed under it. Apollo 7 is out of the Earth's atmosphere and going towards the space station. As they approached it they had no radio

COMMUNICATING

<http://global2.vic.edu.au/>

# Critical Reflections:

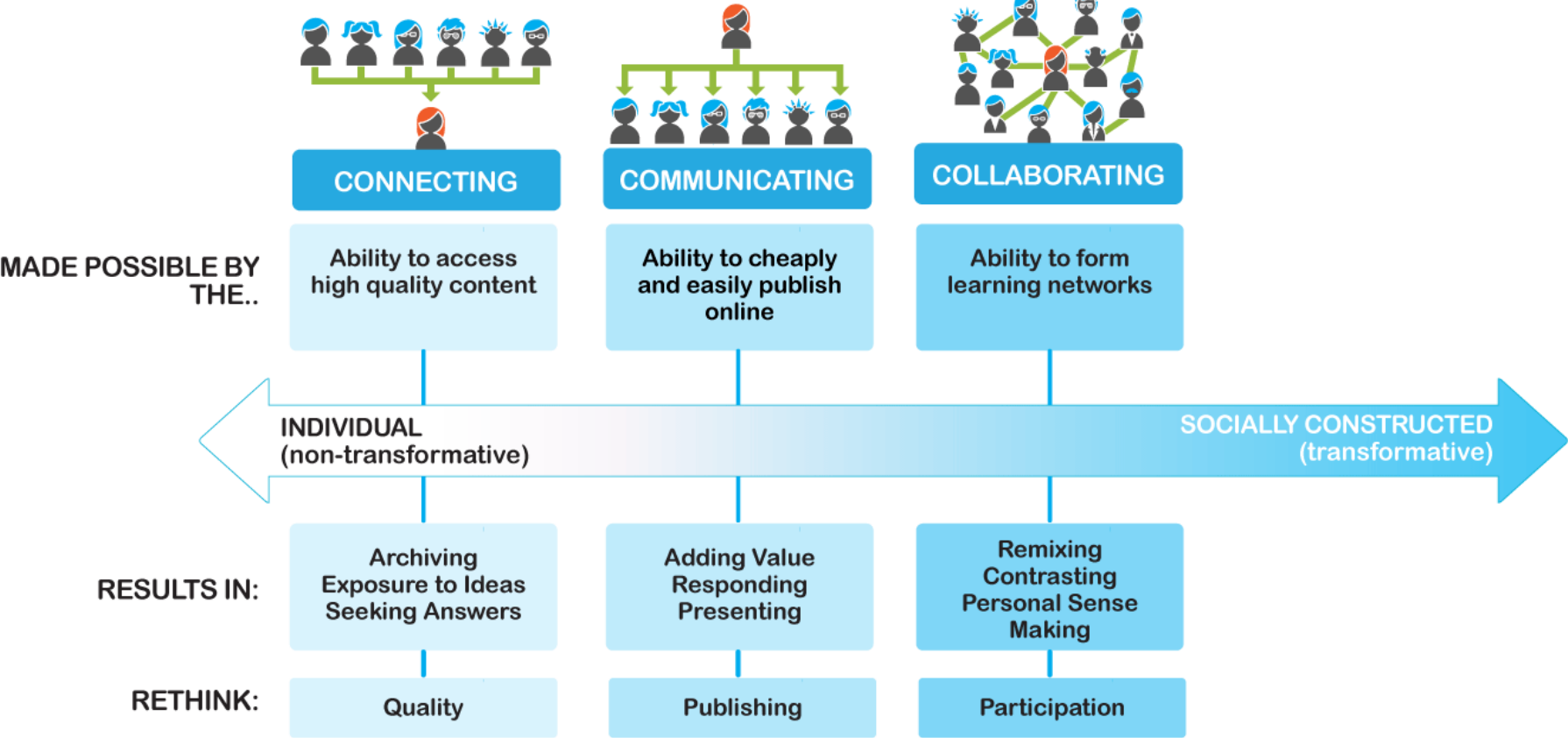


Rethink  
Publishing

Rethink  
Transparency

- Communicate the whole learning process not just student achievements.
- It is not simply about finding an audience, it is about joining a conversation.
- Transparency causes the students to become teachers.

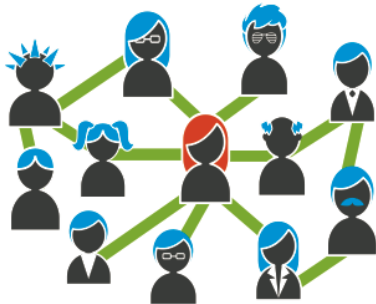
# RELATIONSHIPS



# Activities:

How does the ability to create networks change the way that our students learn?

## Collaborating



Remixing

Contrasting

Personal  
Sense  
Making

A screenshot of a web browser displaying a list of fanfiction stories on the website www.fanfiction.net. The browser's address bar shows the URL. The page lists several stories with their titles, authors, and brief descriptions. The stories include:

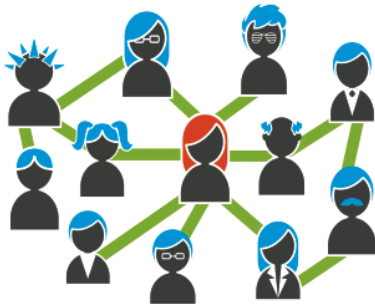
- The Case of the Creature Kidnappings** by frostykitten reviews: "What your puny mind doesn't understand, Potter, is that she does the paperwork I hate, and I do the dirty work that grates on her Gryffindor sensibilities." Hermione and Draco have been partners working in the Department for Control and Regulation of Magical Creatures for years, but their comfortable partnership is shaken up when creatures go missing and the Aurors get involved.
- Runaway** by ti2ger003: Running. Always running. From parents, from family legacy, from professors and authorities and even a group of half-drunk centaurs. And now running from Dementors and hell and probably half the Aurors in Britain with one thought running through his brain: He's at Hogwarts.
- Time Turners and Hippogriffs** by Ikuni Hattori reviews: AU Drabble Series. Yes, drabble. Hermione gets dusted with the Sands of Time and is sent back fifty-something years into the past. This is a TMRxHG fic.
- Writing on the Walls** by TheMaraudersLiveOnForever reviews: "I'm glad I'm not one of those many people who writes very big. Thankfully, here in Azkaban, the dark and cramped walls are rather large, which gives me space to think and write about my earlier life before my soul gets sucked away. Here I stand, with a rock in my right hand, writing on these dirty and dusty walls..."
- Albus Severus Potter's Guide To Panda Yeti Hybrids** by Candied Ice: Albus' Guide to catching/feeding/taking care of a Panda Yeti Hybrid. Watch and be amazed at the many wonders of a Panda Yeti Hybrid.
- Snape's Poems** by T.Cullen1: A collection of poems written by Severus Snape.

<http://www.fanfiction.net/book/>

# Pedagogies

What opportunities are presented to schools when our students create learning networks?

## Collaborating



Personal Learning Networks

Situated Learning






Main Invite My Page Members Forum Groups Chat Wiki Manage

All Discussions My Discussions + Add a Discussion

### Discussion Forum (82)

Search: [input] 🔍 Sort by: Latest Activity View: Discussions

Discussions	Replies	Latest Activity
 <b>Cool Tools</b> Let's start a discussion where we can share some of the cool tools we are finding online and that we are using with our Netbooks. Started by Sheryl Nussbaum-Beach in <a href="#">Web 2.0 Tools and How To's</a>	64	Nov 2 <a href="#">Reply by Sheryl Nussbaum-Beach</a>
 <b>ECafe</b> Hi all. At our Elluminate session last week, someone asked me to explain what eCafe was, and I said I'd write about it here, to save time... Started by Ms Cassai in <a href="#">Web 2.0 Tools and How To's</a>	8	Oct 29 <a href="#">Reply by Heather Bailie</a>
 <b>The Extended Mind</b> I stumbled across this the other day <a href="http://en.wikipedia.org/wiki/Extended_Mind">http://en.wikipedia.org/wiki/Extended_Mind</a> I particularly like the concept of the notebook extending... Started by you in <a href="#">21st Century Teaching and Learning</a>	4	Oct 28 <a href="#">Reply by Richard Olsen</a>

**Richard Olsen**  
Sign Out  
Inbox  
Alerts  
Friends - Invite  
Settings  
Quick Add...

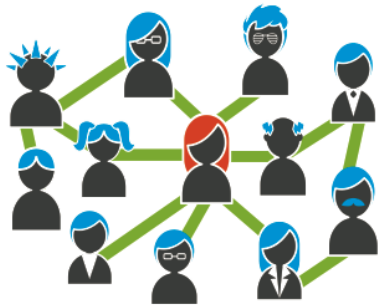
**About**  
Sheryl Nussbaum-Beach created this social network on Ning.  
Create your own social network!

**Overview Slide Deck**  
[Pip Netbook Trial](#)

<http://www.ning.com/>

# Critical Reflections...

## Collaborating

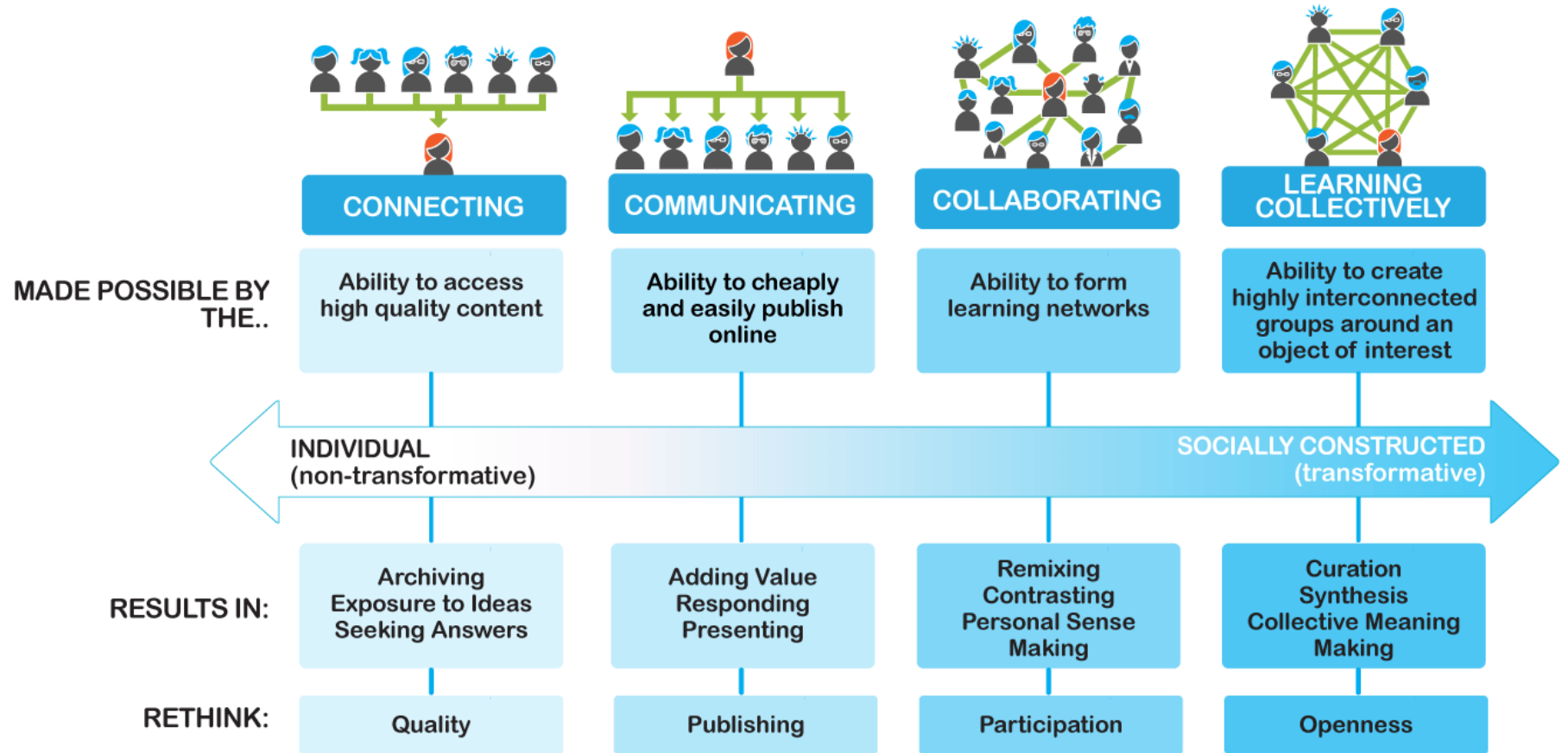


Rethink  
Control

Rethink  
Participation

- Schools cannot compete with learning networks on currency.
- Participation in networks produces exponential benefits.
- Participation in networks changes the student role.

# RELATIONSHIPS

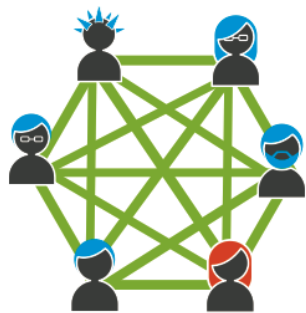




# Activities

How does the ability to form groups around interests change the way that our students learn?

## Learning Collectively



Curation

Synthesis

Collective  
Meaning  
Making

## 4 Answers

oldest

newest

VC

10

This is slightly too long for a comment...

Terry Tao has just written [a long post on Zhang's result](#) and the generalization to tuples. He also links at the bottom, to a [polymath proposal](#) for improving Zhang's bounds, and for extending the result to tuples, as per the OP.

It seems to me that those two sites are the best places to go for a description of the state-of-the-art this question.

[link](#) | [flag](#) | [cite](#)

answered 9 hours ago



Nick Gill

3,011 ● 7 ● 19

Thank you for these links. I already saw Tao's post, but didn't see that it claimed results on *prime* tuples, only on *admissible* tuples (which are a key tool in Zhang's proof but aren't themselves known to correspond to prime tuples). The **polymath** proposal does explicitly target "Finding narrow prime tuple of a given cardinality (or, dually, finding large prime tuples in a given interval)" as part of Part 1 of the project, but doesn't seem to say whether it's known that Zhang's techniques can give such a result. – Noam D. Elkies 8 hours ago

@Noam, Tao's formulation of the polymath proposal suggests to me that (as far as he can see) Zhang's techniques may well yield results for prime tuples, but that some work needs to be done to establish that for certain... – Nick Gill 8 hours ago

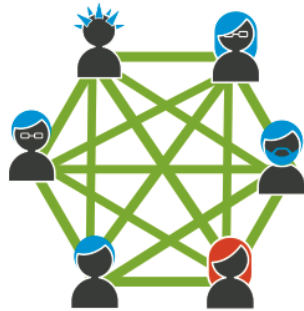
4 Nick It sounds like that but I think it might be a misunderstanding. Finding the narrow prime tuples th

<http://mathoverflow.net/>

# Pedagogies

What opportunities are presented to schools when students form groups around interests and passions?

## Learning Collectively



Social Learning

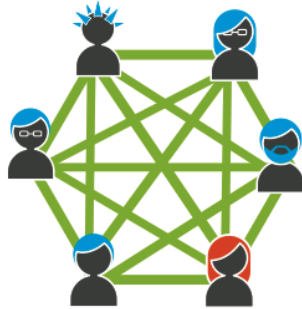
Object centred sociality

The screenshot shows the DeforestAction website interface. At the top left is the logo for 'Deforest action' with a green leaf icon. Below it are social media icons for '1K' likes and a 'Like' button. The main content area features a video player with a play button and a progress bar showing '0:00 / 1:42'. The video title is 'DeforestAction- Merryn McDon' and there is a 'prewatch settings' link. To the right of the video is a 'DID YOU KNOW?' section with text: 'The forests of the world are disappearing fast! In Indonesia alone, forests are being cut down at the speed of 300 football fields per hour. That's five football fields each minute.' Below the video is a woman in a hat and backpack pointing at the screen, and two monkeys in the background. The text below the video reads: 'Our forests. Our future. Stop the destruction of the forests now. Take action today!'. At the bottom left is a 'twitter' link with the URL 'http://shout.tiged.org/dfa/q/ http://fb.me/KB6rgD0Z'. The bottom navigation bar has four buttons: 'TOP 50 ACTION AGENTS' (with a film reel icon), 'JOIN/LOGIN' (with a person icon), 'ABOUT DEFORESTATION' (with a tree icon), and 'BUY BACK LAND' (with a dollar sign icon). Below the 'BUY BACK LAND' button is text: 'For \$20 you can protect 10 square meters of land in Borneo for 99 years, and your name will be listed on a'.

<https://dfa.tigweb.org/>

# Critical Reflections...

## Learning Collectively



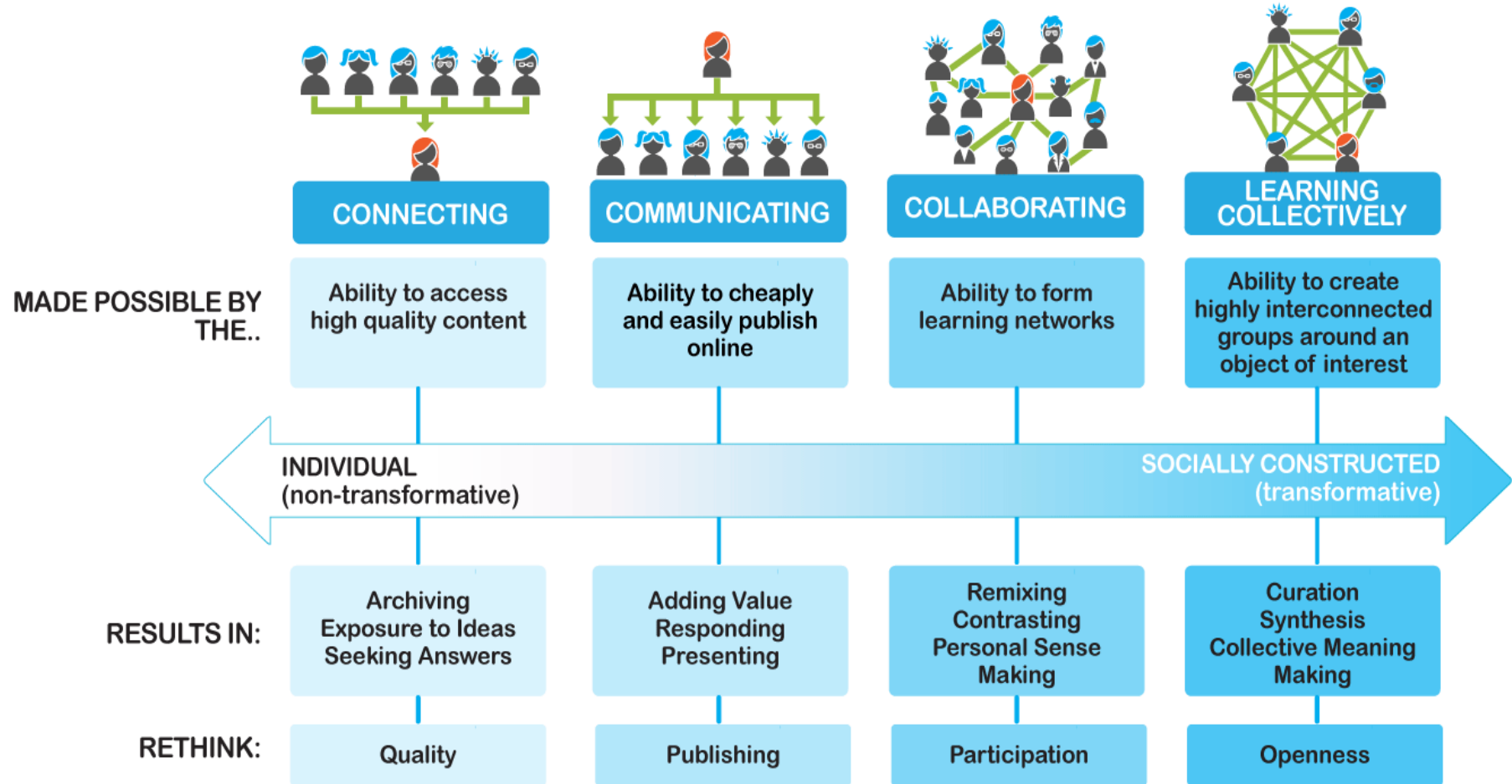
Rethink  
Openness

Rethink  
Ownership

- Knowledge is no longer based on authority but on connections.
- Transparency improves quality and relevance.
- Are interconnectedness and autonomy dissonant?



# RELATIONSHIPS



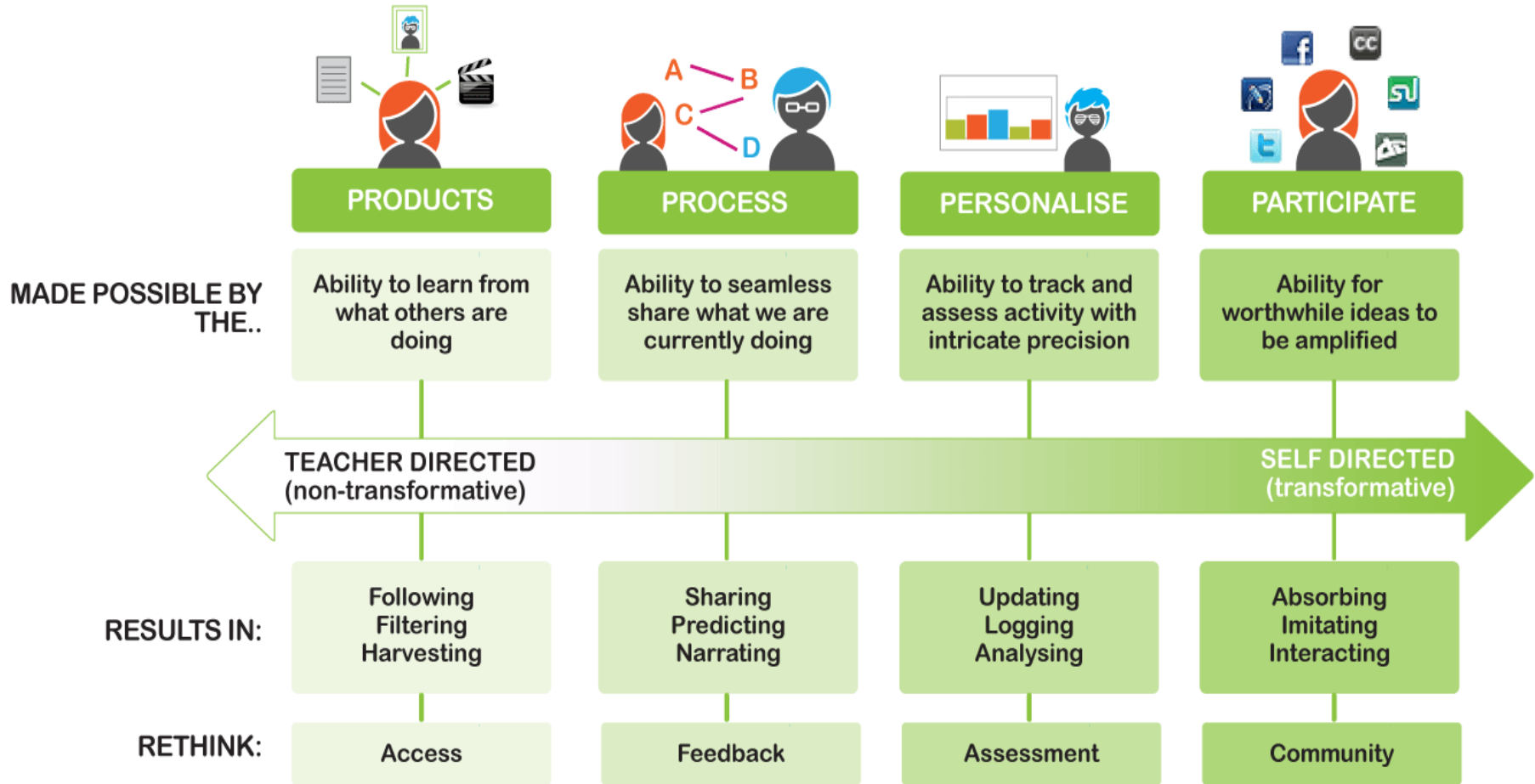
<http://www.ideaslab.edu.au/>

[sofia@ideaslab.edu.au](mailto:sofia@ideaslab.edu.au)

[Pardo.sofia.m@edumail.vic.gov.au](mailto:Pardo.sofia.m@edumail.vic.gov.au)



# ROLES



# EXPERIENCES

