

1. Goal Setting: Opening Remarks

TOSH YAMAMOTO

Visual CV: Tosh Yamamoto

TOSH A. F. YAMAMOTO, PH.D. VISUAL *Curriculum Vitae*



TOSH A. F. YAMAMOTO, PH.D.

ICT-Enhanced Active Learning

Curriculum, Instruction, eLearning, ePortfolio, COIL, Online Collaborative Learning

Critical/Creative Thinking & Negotiation Practicum for Trust Building

Tesseractice Global Education (PBL, TBL, AGILE)

Corporate Human Resource Training & Development

<https://www.linkedin.com/in/tosh-yamamoto-4ab2b627/>

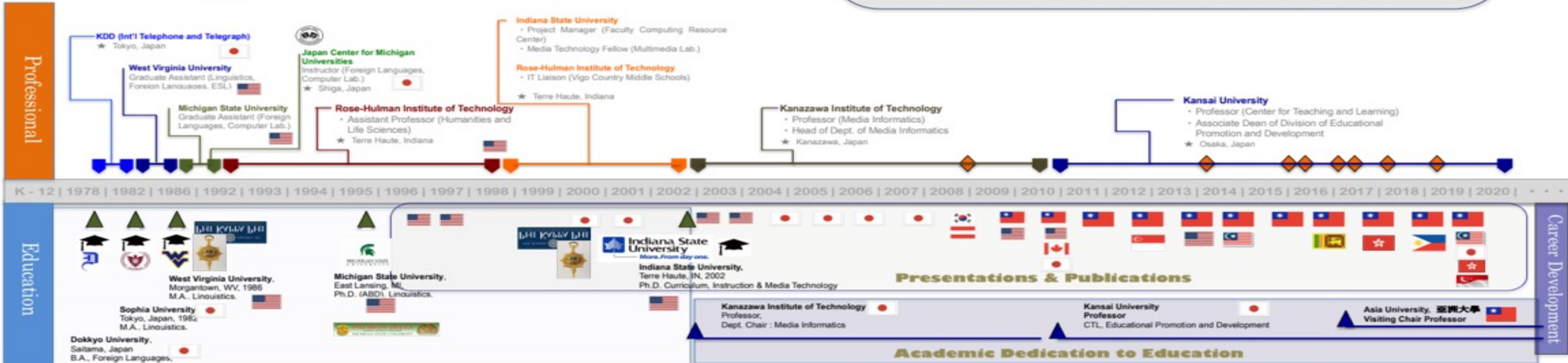
ctltosh@kansai-u.ac.jp, soetosh@gmail.com



KEYNOTE
Presentations



Research Grant Details . . .



Philosophy

Decisions you make dictate the life you lead.

Strengths

Sense Making
Social Intelligence
Novel & Adaptive Thinking
Cross-Cultural Competencies
Computational Thinking

New Media Literacy
Transdisciplinarity
Design Mindset
Cognitive Load Management
Virtual Collaboration

Off-Site Activities

Organic Farming Operation by IoT & AI



Ocean FISHING



New Education Normal Key Words:

1. Future Skills Defined by IFTF



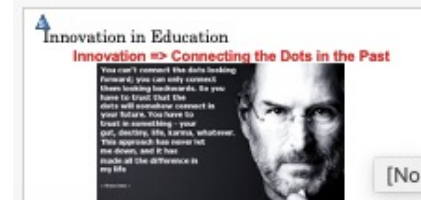
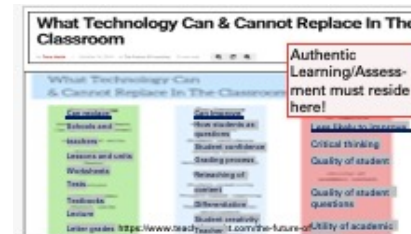
[No Title]



2. Active Learning



3. Authentic Learning



Outline

Authentic Assessment in the New Normal

- (i) Be Authentic! - Facts in Education (Learning)
- (ii) Journey to Authentic Education
 - Future Skills
- (iii) Authentic Assessment

【Learning: Burning Both Ends of a Candle . . .!】

- Critical Thinking Time !
- What is the Mission of Education ?
 - Current Issues !

TOPICS: ① ② ③ ④

【For students, college life is ...】

①

- Let's compare a human life to a 100 cm candle!

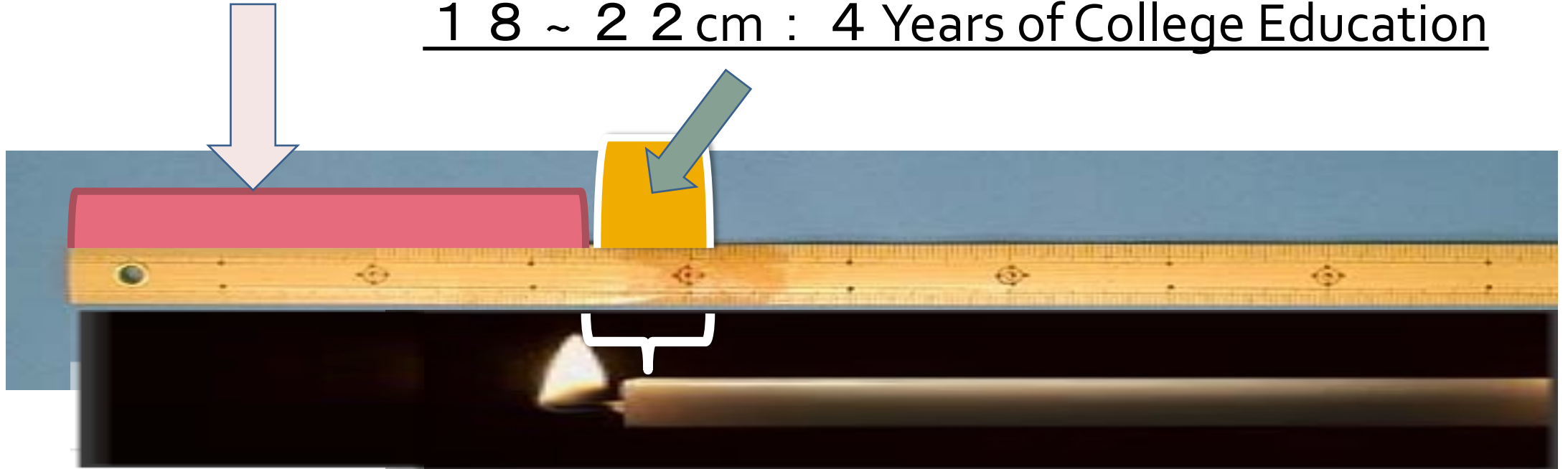


<http://d28xhcgddm1buq.cloudfront.net/product-images/white-10-formal-taper-dinner-candle-4.jpg>

【For the students, college life is ...】

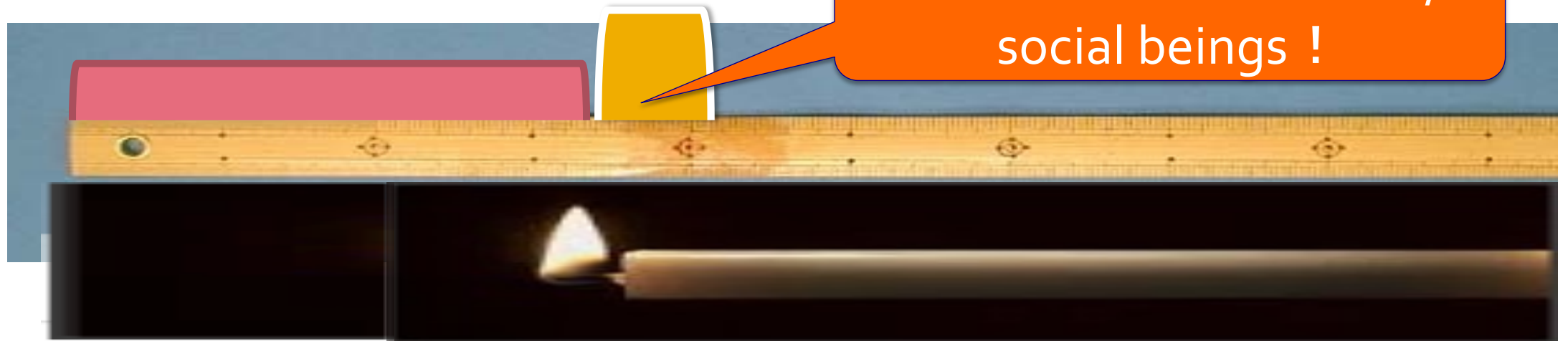
- 0 – 18 cm : K-12

- 18 ~ 22 cm : 4 Years of College Education



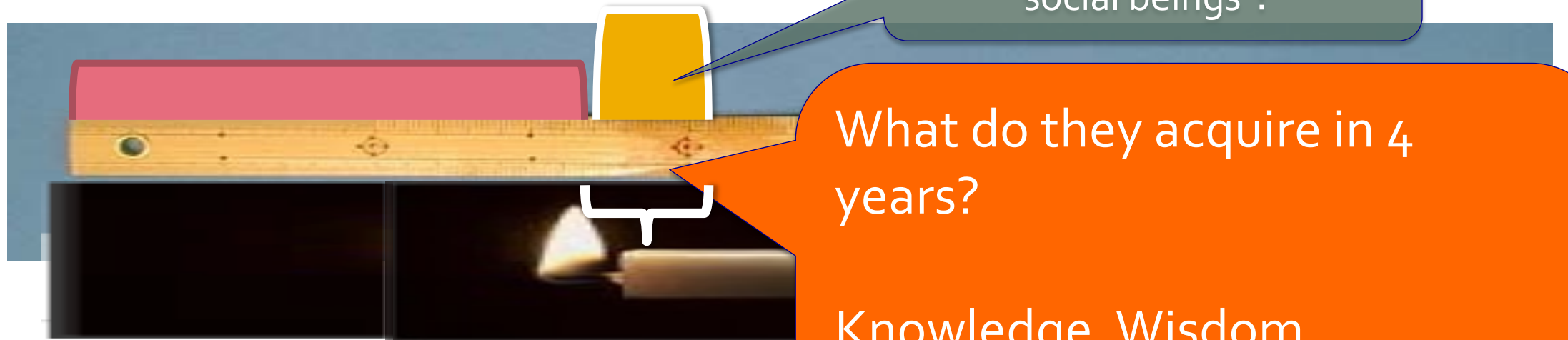
【For the students, college life is ...】

- 18 ~ 22 cm : 4 Years of College Education



【For the students, college life is ...】

- 18 ~ 22 cm : 4 Years of College Education



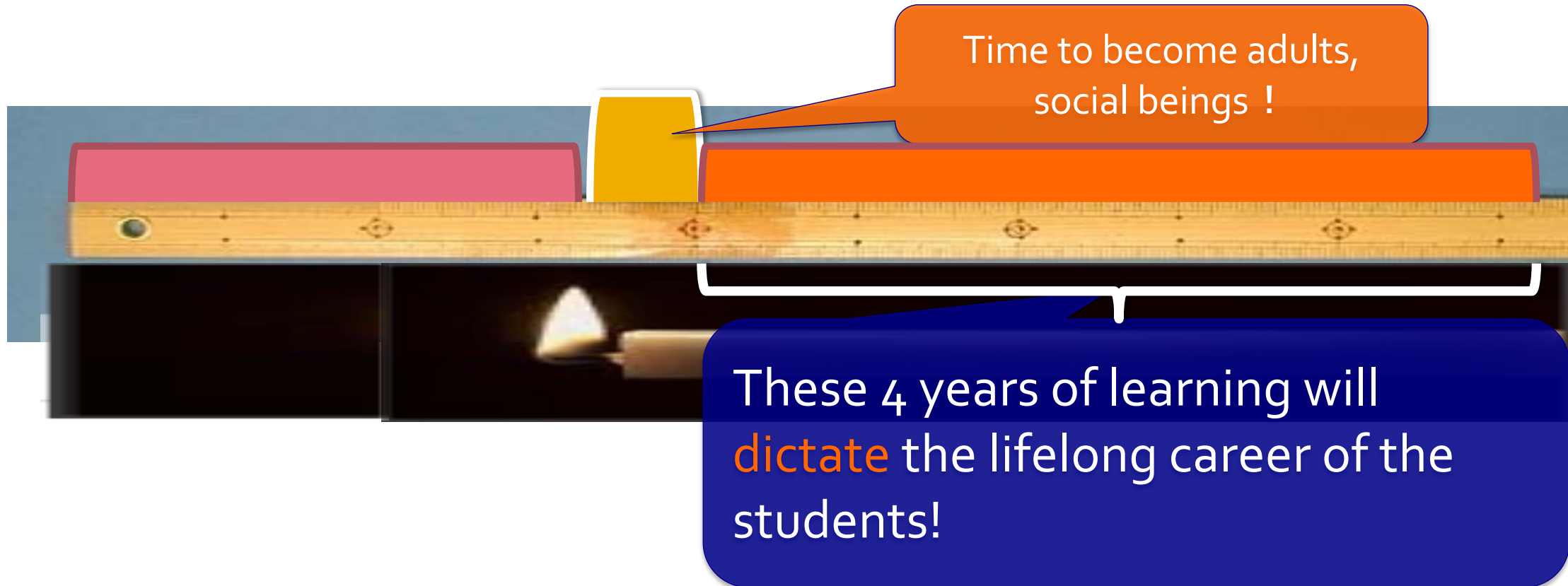
Time to become adults,
social beings !

What do they acquire in 4
years?

Knowledge, Wisdom,
Competencies, Skills to become
Social beings.

【For the students, college life is ...】

- 1 8 ~ 2 2 cm : 4 Years of College Education



4 Years of Education means . . . Actually Speaking

- **4 Years** = 48 months { 365 days * 24 hours (= 8,760 hours) * 4 years}
= **35,040 hours**

- **2/3 ----- awake,** 1/3 ----- sleeping
- **23,360 hours ---- active ,** 11,680 hours ----- being idle

- 130 ~ 220 credit hours for in-class learning ----
only **1/10th ~1/11th of the waking hours.**

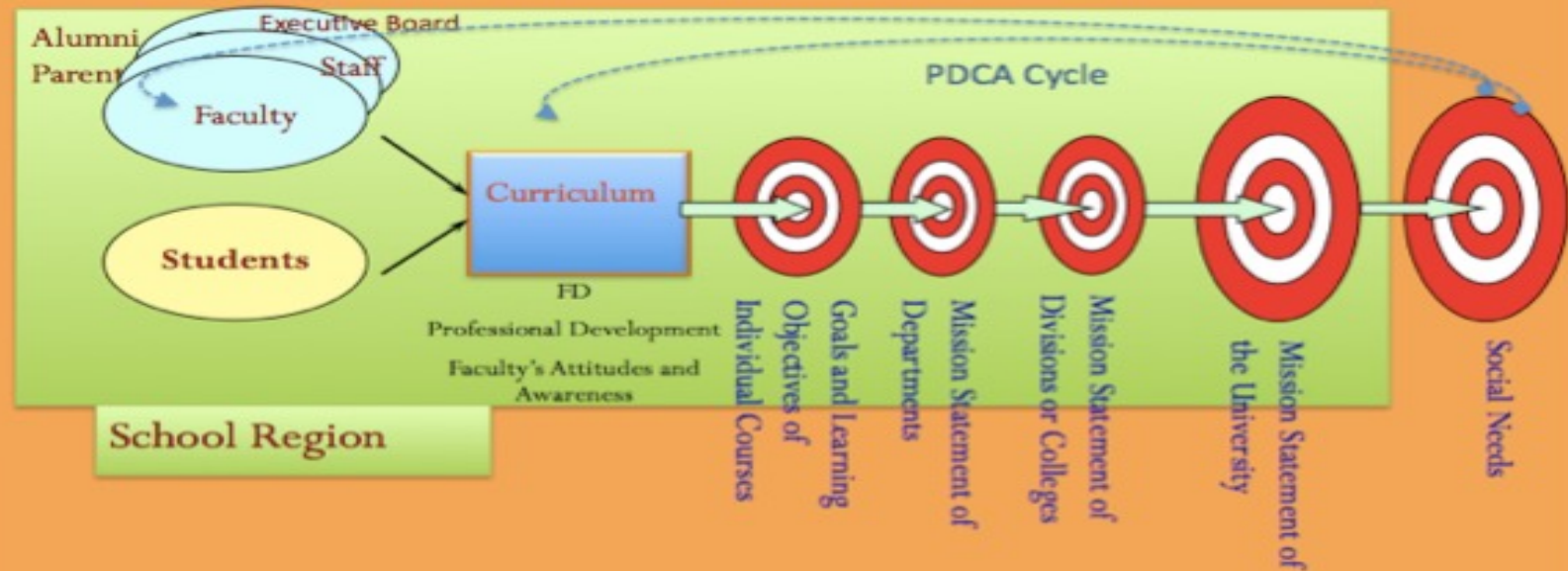
- Our students spend **10 times** more outside the class!

Visually Speaking . . .

So, Are we talking about the educational Model (In-Class Face-to-Face) for the small dark orange slice? **Educational Mission!**

Education Model

The Region that must be included in the Higher Education

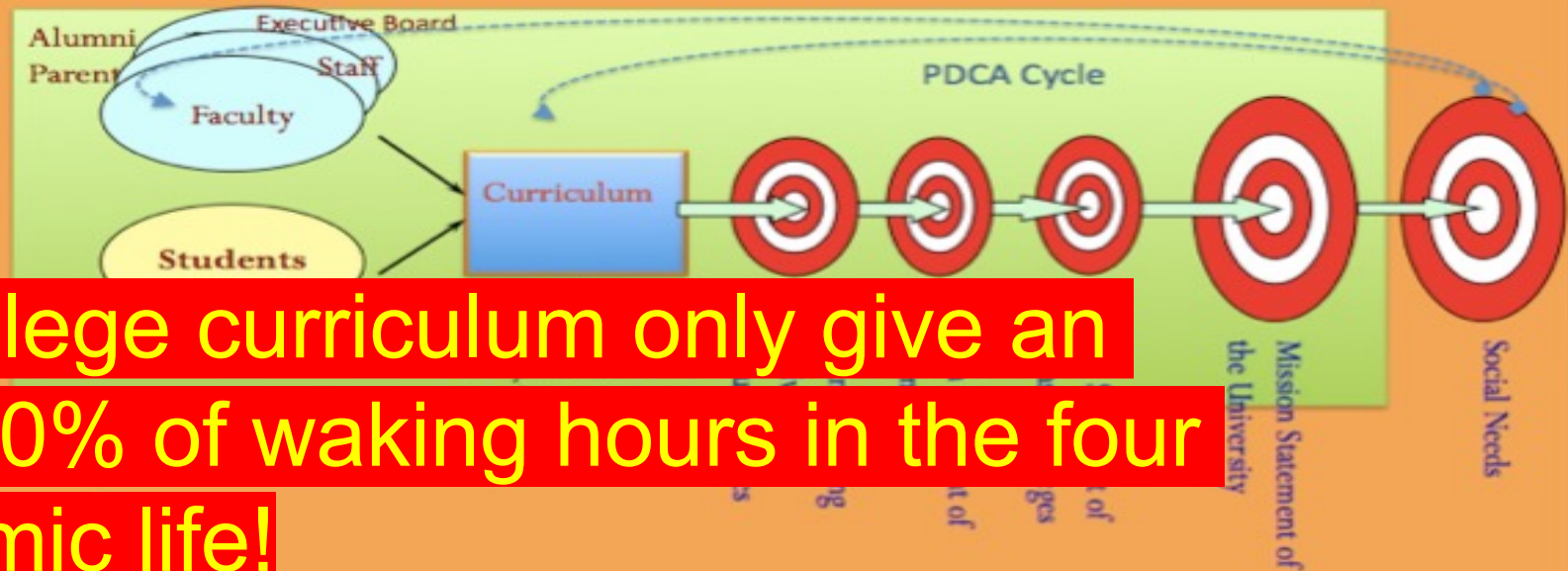


Visually Speaking . . .

So, Are we talking about the educational Model (In-Class Face-to-Face) for the small dark orange slice?

Education Model

The Region that must be included in the Higher Education



After all, the college curriculum only give an impact on the 10% of waking hours in the four years of academic life!

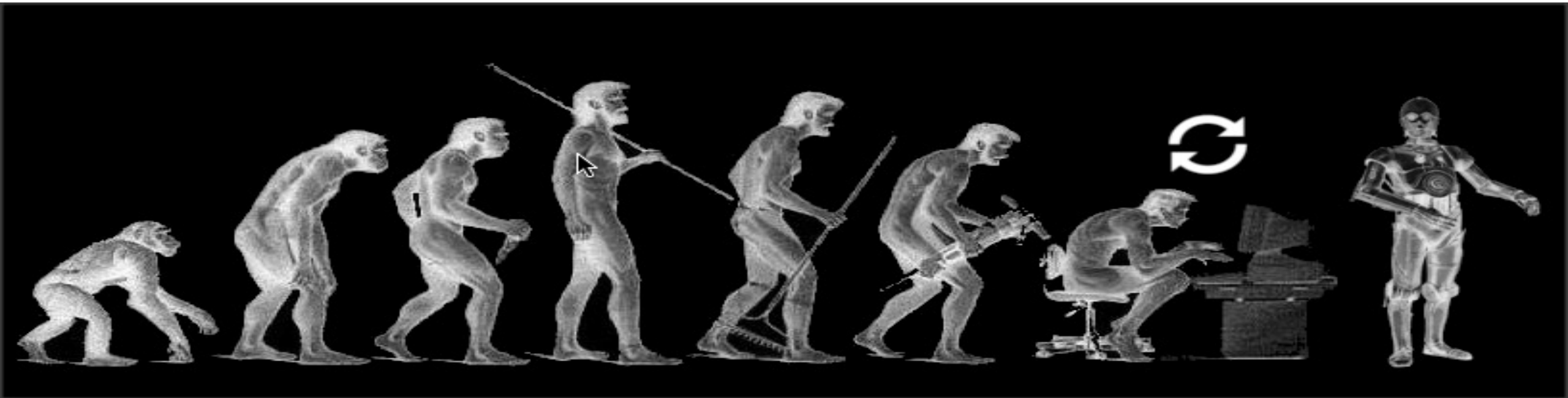
Furthermore . . .

②

Singularity !

Job Market Dynamics

- ◆ Singularity (2045) New Job Market?



<https://joneljuste.files.wordpress.com/2015/04/singularity-c3po.jpg>

How old will your students be in 2045?

Disappearing Jobs

47% of Jobs Will Disappear in the next 25 Years ^{★5}, According to Oxford University

🕒 December 27, 2016 by PHILIP PERRY



Disappearing Jobs and Reasons

The image is a screenshot of a Business Insider webpage. At the top, there is a dark blue header with the Business Insider logo on the left and the word 'CAREERS' on the right. Below the header, a light gray bar contains a URL: <http://www.businessinsider.com/15-jobs-that-are-quickly-disappearing-2015-10/#printing-worker-1>. The main article title is '15 jobs that are quickly disappearing' in bold black text. Below the title is a small profile picture of Rachel Gillett, her name, a Twitter icon, and the date and time 'Oct. 14, 2015, 4:52 PM' along with a red flame icon and the number '837,929'. Below this are social media sharing buttons for Facebook, LinkedIn, and Twitter, followed by a print button. A large, blue, rounded rectangular callout box is overlaid on the right side of the page, containing the text 'Routine Work -> AI' in white. At the bottom of the page, there is a section titled '2017 Big Data Trends' with a subtext 'Free Whitepaper! What's New for Big Data in 2017? Download Now. tableau.com' and a small 'X' icon in the bottom right corner.

BUSINESS INSIDER CAREERS

<http://www.businessinsider.com/15-jobs-that-are-quickly-disappearing-2015-10/#printing-worker-1>

15 jobs that are quickly disappearing

 Rachel Gillett 
Oct. 14, 2015, 4:52 PM  837,929

 FACEBOOK  LINKEDIN  TWITTER  PRINT

2017 Big Data Trends

Free Whitepaper! What's New for Big Data in 2017? Download Now. tableau.com



Happened Recently

<https://jp.reuters.com/article/mizuho-restructuring-idJPKBN1CX07R>

One of the major banks in Japan

ビジネス 2017年10月28日 / 17:50 / 7ヶ月前

みずほ、10年間で1.9万人削減検討 | ITや店舗統廃合で=関係筋

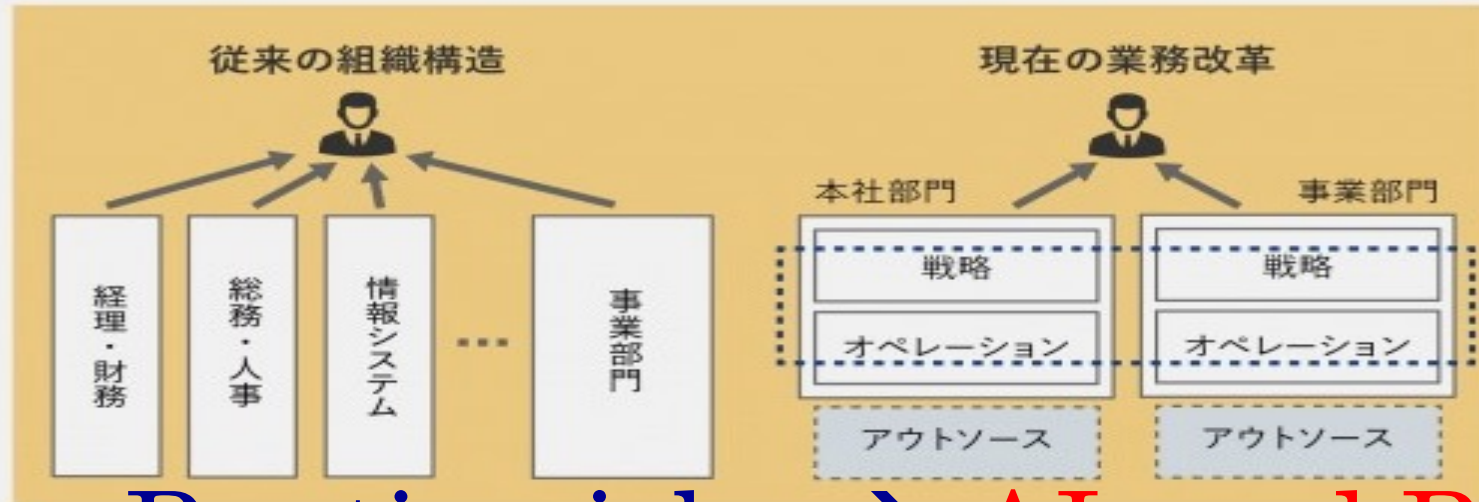
19,000 bank employees will lose their jobs
in the next 10 years!

【東京 28日 (イタリ)】みずほフィナンシャルグループ(8411.T)は、今後10年間で1万9000人を削減し、現状の約6万人から4万人規模に移行する検討に入った。IT活用による業務効率化や、店舗の統廃合を進める方針だ。



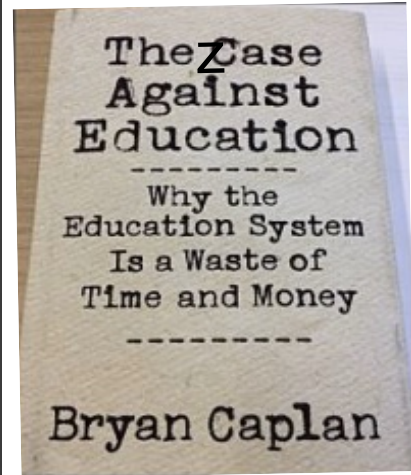
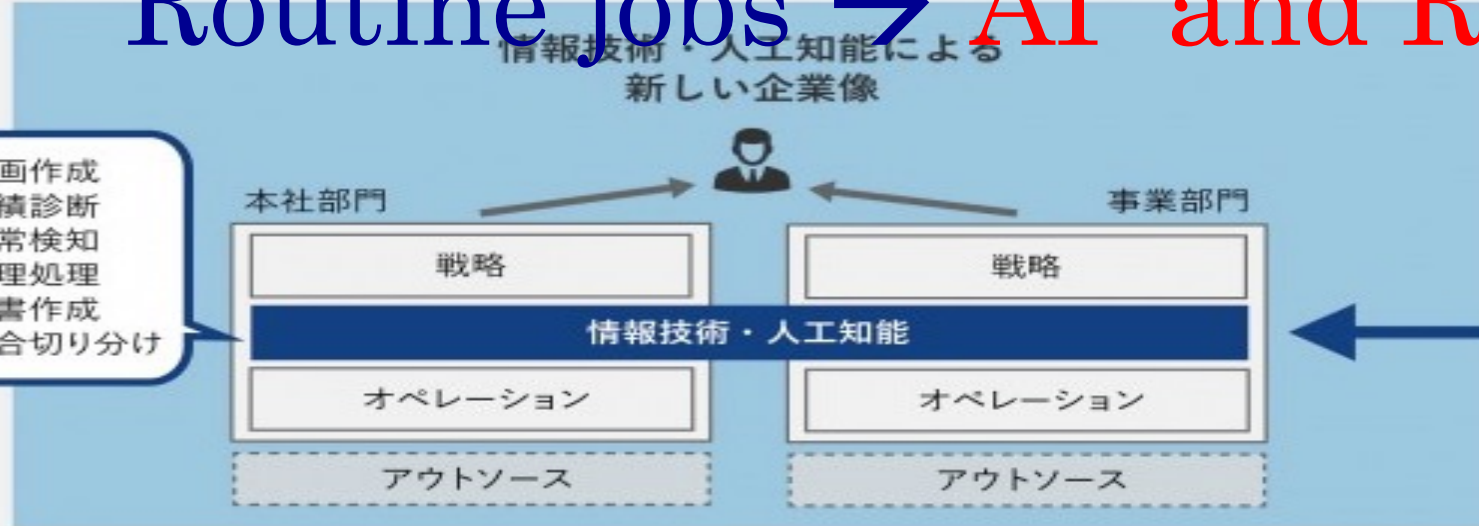
低金利の長期化で銀行の収益力が低下していることから、効率化を一層進め収益力の維持・強化を図る。

人の役割の二極化 Two-Tier Structure



Routine jobs → AI and Robots

- ・ 計画作成
- ・ 業績診断
- ・ 異常検知
- ・ 経理処理
- ・ 文書作成
- ・ 間合切り分け



<https://mirai.doda.jp/series/interview/tomota-terada-part1/>

JOB MARKET IN THE FUTURE

www.bbc.com/news/technology-30290540

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A new leader in IT services.** [LEARN MORE](#)

Technology

Stephen Hawking warns artificial intelligence could end mankind

By Rory Cellan-Jones
Technology correspondent

2 December 2014 | Technology |      Share



In fact, the biggest threat facing mankind is one that has in some ways only just been discovered: artificial intelligence (AI). The physicist Stephen Hawking has said that AI could become ‘a real danger’ in the ‘not-too-distant’ future. Hawking added that ‘the risk is that computers develop intelligence and take over. Humans, who are limited by slow biological evolution, couldn’t compete, and would be superseded.’

<http://www.bbc.com/news/technology-30290540>

<http://www.spiked-online.com/newsite/article/the-robots-are-not-taking-over/16299#.WgJmDmKCzdc>

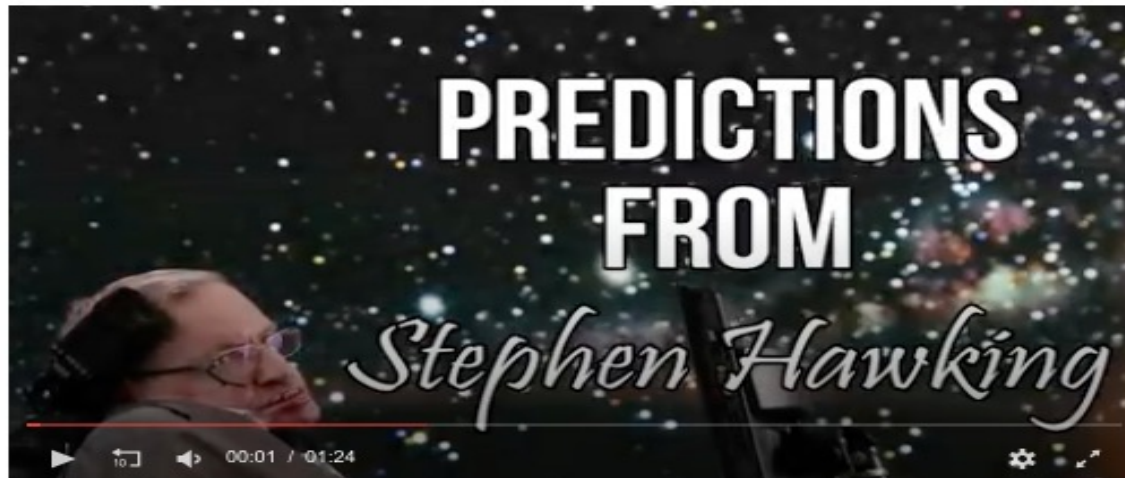
Stephen Hawking

<http://www.newsweek.com/stephen-hawking-artificial-intelligence-warning-destroy-civilization-703630>



STEPHEN HAWKING AI WARNING: ARTIFICIAL INTELLIGENCE COULD DESTROY CIVILIZATION

BY HANNAH OSBORNE ON 11/7/17 AT 4:43 AM



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Redefining Analytics - Free Whitepaper
Learn About the Evolving Role Analytics Plays in
Businesses Worldwide. Read Now!

tableau.com

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MOST READ



Papa John's Is The Official Alt-Right Pizza, Nazis Say



The 1 Percenters Are Middle Class: House Republicans



Corey Feldman Names Actor Who Allegedly Molested Him

Furthermore . . .

③

Employees' Mindset

New Values

New Lifestyle

During a year and a half in the
Pandemic, employees' mindset has
been changing

NEW Values in Life !

During a year and a half in the Pandemic, employees' mindset has been changing.

 **Ali Merchant** · 3rd+
I help managers become leaders.
3mo · 🌐

I want remote work to succeed.

Here are 5 stats you didn't know you need.

Did you know:

- 🔴 49% of employees are signaling burnout.
- 🕒 40% of companies haven't communicated remote policies.
- 👤 30% of employees might switch jobs if asked to return 5 days.
- 📅 50% of employees want 3 days at home, 2 days in the office.
- 💜 47% of employees are anxious about the future.

Remote isn't easy. Remote requires dedicated leadership and an inclusive strategy to work for all of us.

We can make history by making work truly meaningful. I hope we go out swinging!

[#leadership](#) [#management](#) [#motivation](#) [#bestadvice](#) Ali Merchant

5 stats for the future of work. · 12 pages



- 🔴 49% of employees are signaling burnout.
- 🕒 40% of companies haven't communicated remote policies.
- 👤 30% of employees might switch jobs if asked to return 5 days.
- 📅 50% of employees want 3 days at home, 2 days in the office.
- 💜 47% of employees are anxious about the future.

I post daily to help you become a **better boss**.

[Follow](#) for tips and strategies.



Ali Merchant · 3rd
I help managers become leaders.
Talks about #culture, #coaching, #leadership, #management, and #productivity

Ali Merchant
Chicago, Illinois, United States
5,999 followers

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Providing services
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5 DATA POINTS YOU NEED TO KNOW ABOUT REMOTE WORK

AI



5 DATA POINTS
YOU NEED TO
KNOW ABOUT
REMOTE WORK

Simple Digitalization of
Traditional Education does
not work!

M

**49% OF YOUR
EMPLOYEES ARE
FEELING SIGNS
OF BURNOUT**

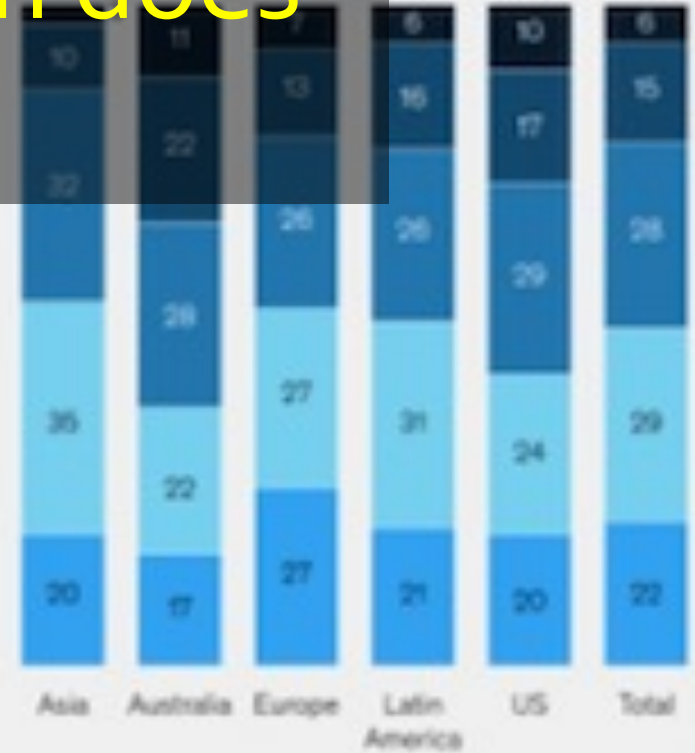


M

...most full-time employees report being at least somewhat burned out—and that's likely an underrepresentation of the real number.

...felt by employees,
% survey participants

- Very-high degree
- High degree
- Somewhat
- Low degree
- Very-low degree



49%
of respondents say
they are feeling at
least somewhat
burned out



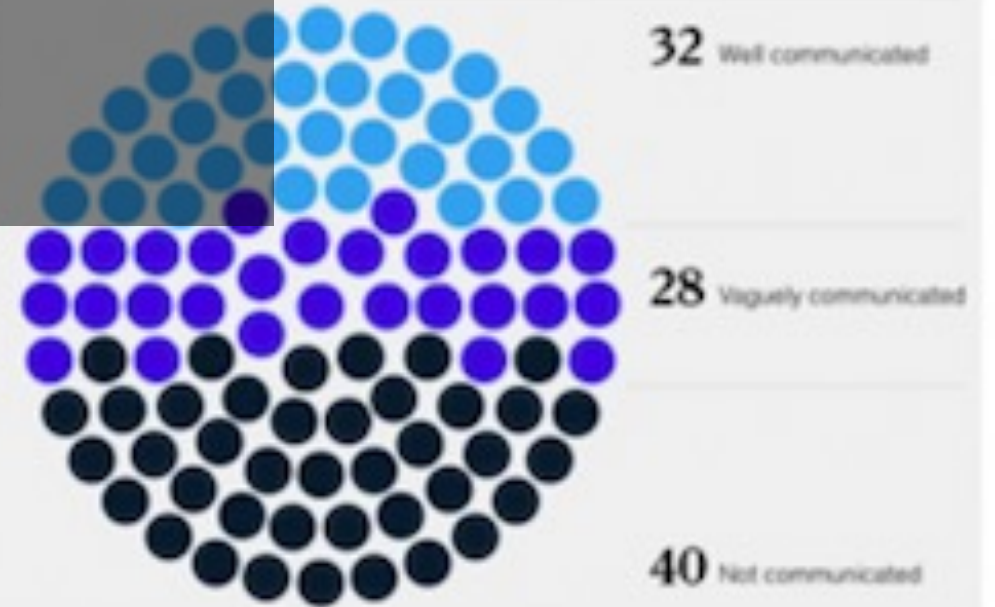
5 DATA POINTS YOU NEED TO KNOW ABOUT REMOTE WORK

Companies are not yet ready for New Normal !

AI

50% of organizations have not clearly communicated a vision for postpandemic work.

Employees who believe their organization has communicated a post-pandemic vision, % survey participants



40% OF COMPANIES HAVE YET TO COMMUNICATE REMOTE POLICIES



AI



AI



5 DATA POINTS YOU NEED TO KNOW ABOUT REMOTE WORK

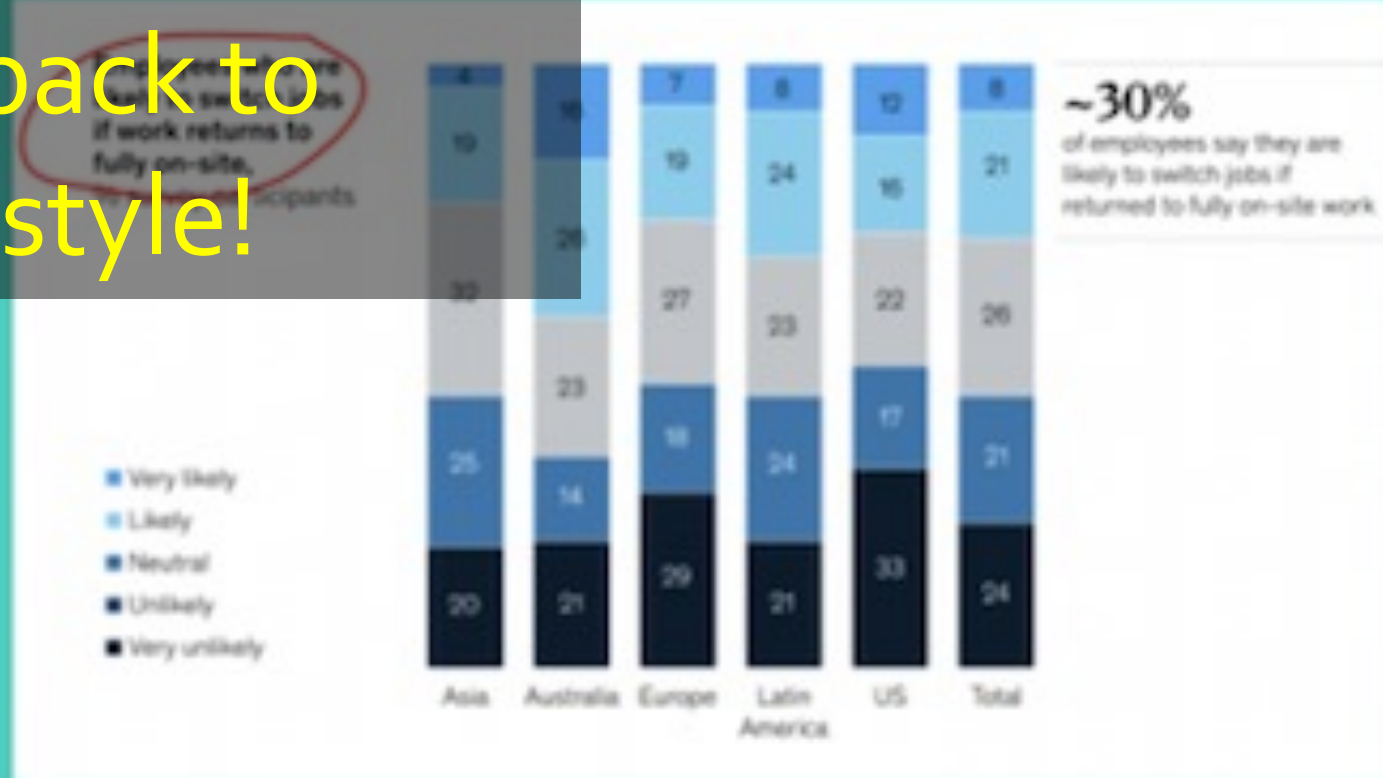
Employees do not want to go back to Normal Lifestyle!

AI

30% MIGHT SWITCH JOBS IF REQUIRED TO RETURN FULL TIME.



AI

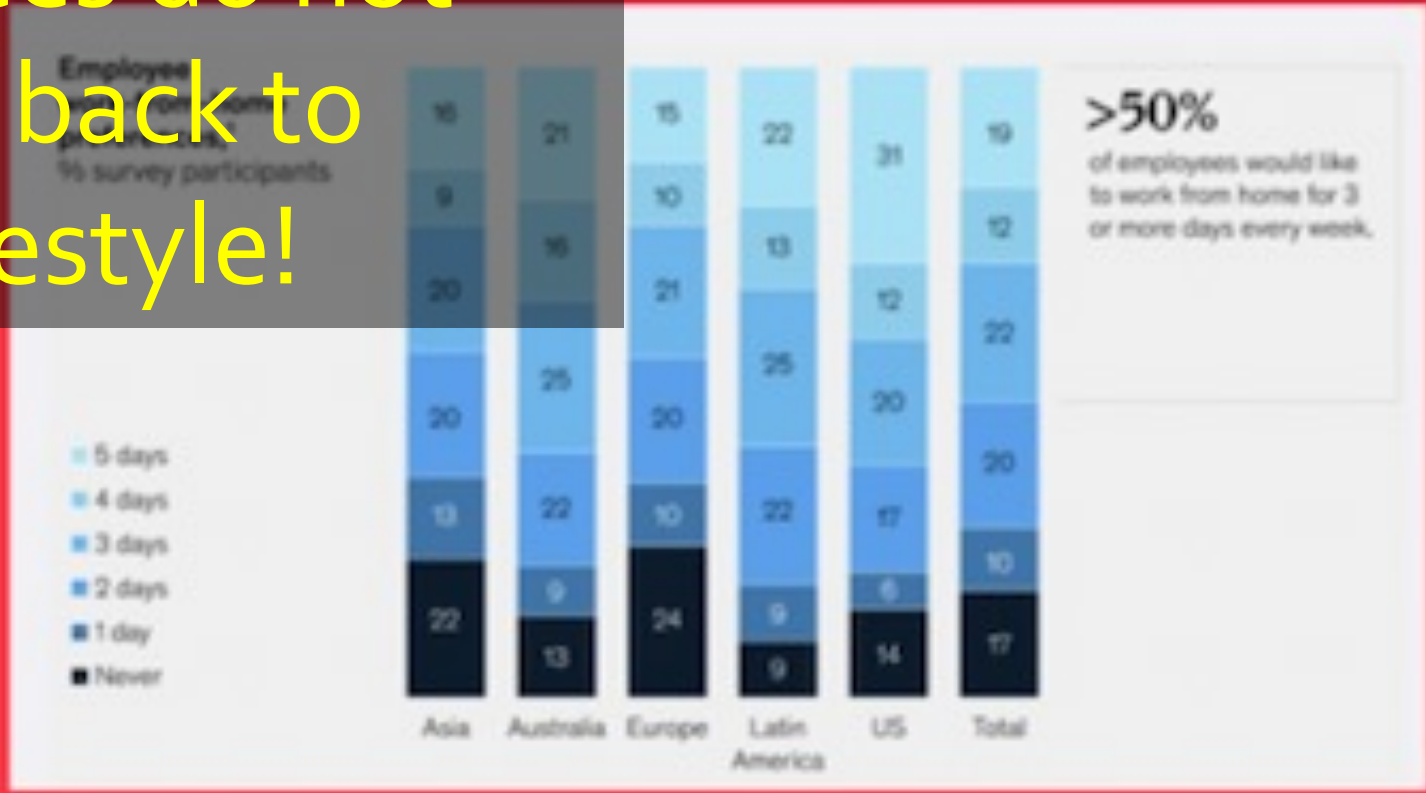




5 DATA POINTS
YOU NEED TO
KNOW ABOUT
REMOTE WORK

Employees do not
want to go back to
Normal Lifestyle!

AI



”

**50%
EMPLOYEES
WANT 3 DAYS
AT HOME.**

AI





5 DATA POINTS YOU NEED TO KNOW ABOUT REMOTE WORK

Employees show anxiety in the future !

AI

”
47%
**EMPLOYEES
ARE ANXIOUS
ABOUT THE
FUTURE.**



AI

The lack of clear vision or plan for postpandemic work is causing me concern or anxiety,
% survey participants



47% feel a lack of clear vision about the post-pandemic world is a cause for concern

**Employees will NOT go back to
NORMAL after the Pandemic!**

**They will look for a new lifestyle
and new values in life!**

ALSO, Good reference:

- <https://guthriejensen.com/blog/future-of-work-statistics-infographic/>

Furthermore . . .

④

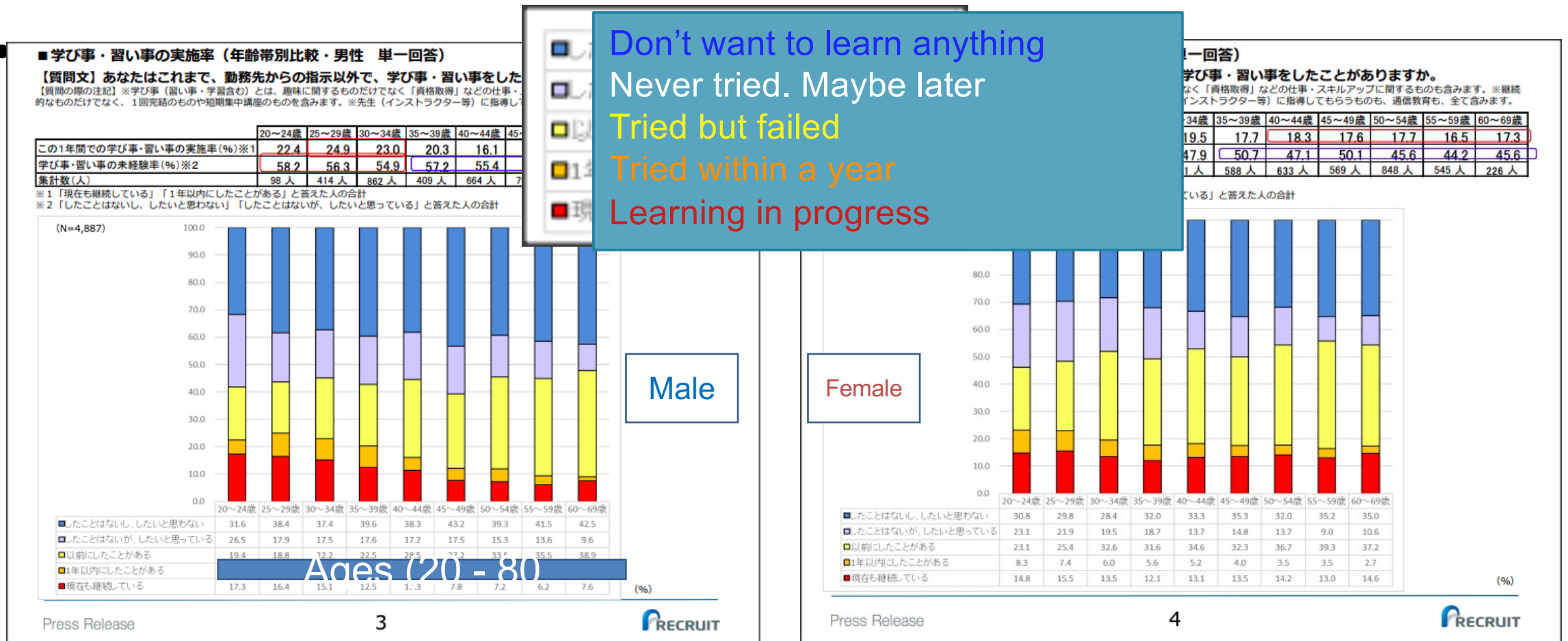
**Sad to admit
the learner behavior !**

Evidence from Data Science

- Lifelong Learning Mindset
 - Will Intellectual Curiosity develop as people grow older?
 - Will people continue to upskill?

Lifelong Learning Mindset

- https://www.recruit-mp.co.jp/news/180330_01.pdf



Lifelong Learning Mindset

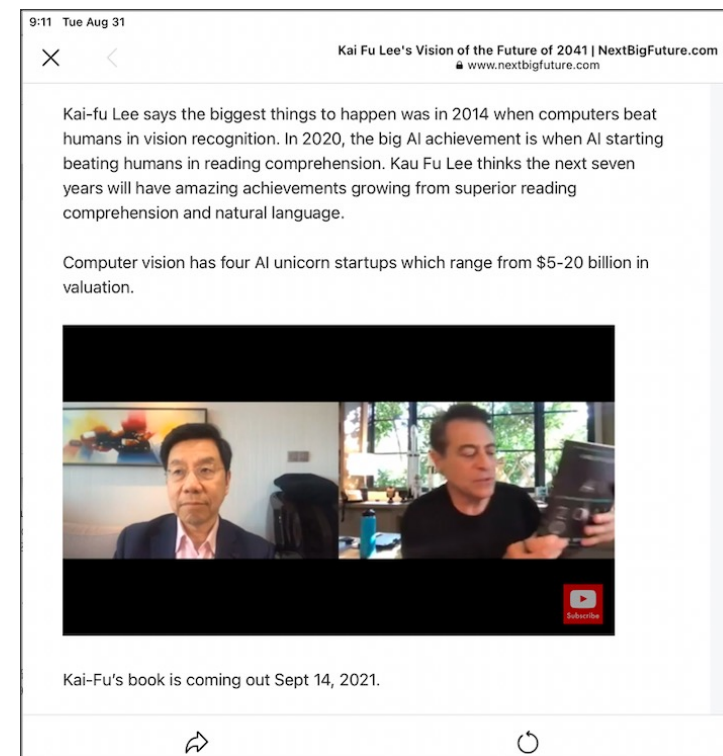
- https://www.recruit-mp.co.jp/news/180330_01.pdf



Which means . . .

- No such scenario for the future career life!

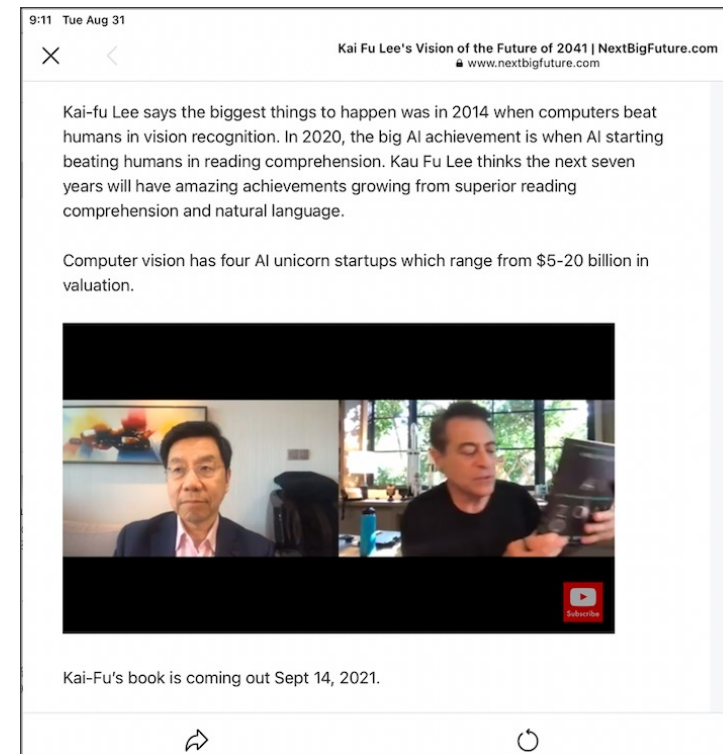
Singularity(2045) → Lay off (47%) → (Re-Training Program) → Relocation



Which means . . .

- No such scenario for the future career life!

Singularity(2045) → Lay off (47%) → (Re-Training Program) → Relocation



Summary in this Section








- **Critical Thinking : Current Issues**
 - ① Time Allocated for Authentic Education
 - ② Singularity
 - ③ Employees in Pandemic: New Lifestyle and Values
 - ④ Learners' Mindset for Lifelong Learning

Outline

Authentic Learning in the New Normal

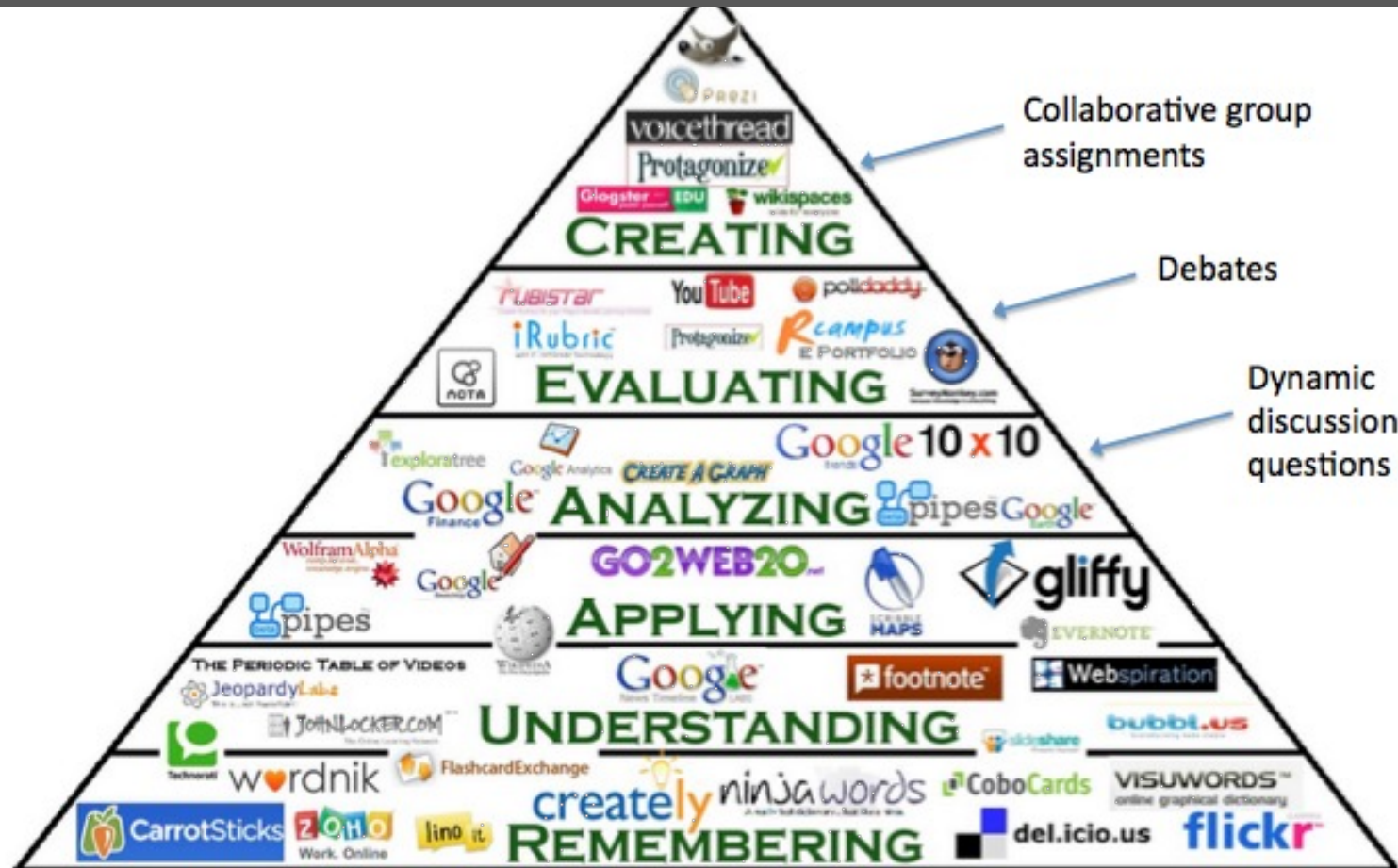
- (i) Be Authentic! - Facts in Education (Learning)
- (ii) Journey to Authentic Education
 - Future Skills
- (iii) Authentic Assessment --- (May not be included this time.)

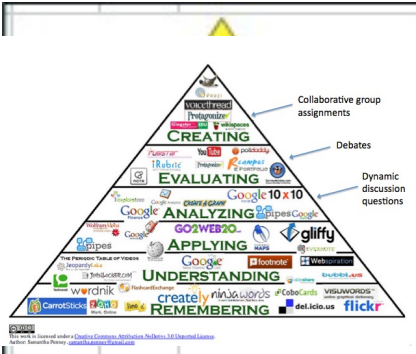
What needs to be included in Authentic Education?

- Education Model 
- Bloom's Taxonomy Matrix 
- Future Skills Defined! 
- ICT in Education 
- Innovation in Education 
- Showcase 
- Our Mission 

<http://catlintucker.com/wp-content/uploads/2012/04/Blooms-with-notes.png>

Bloom's taxonomy: Learner's Activities

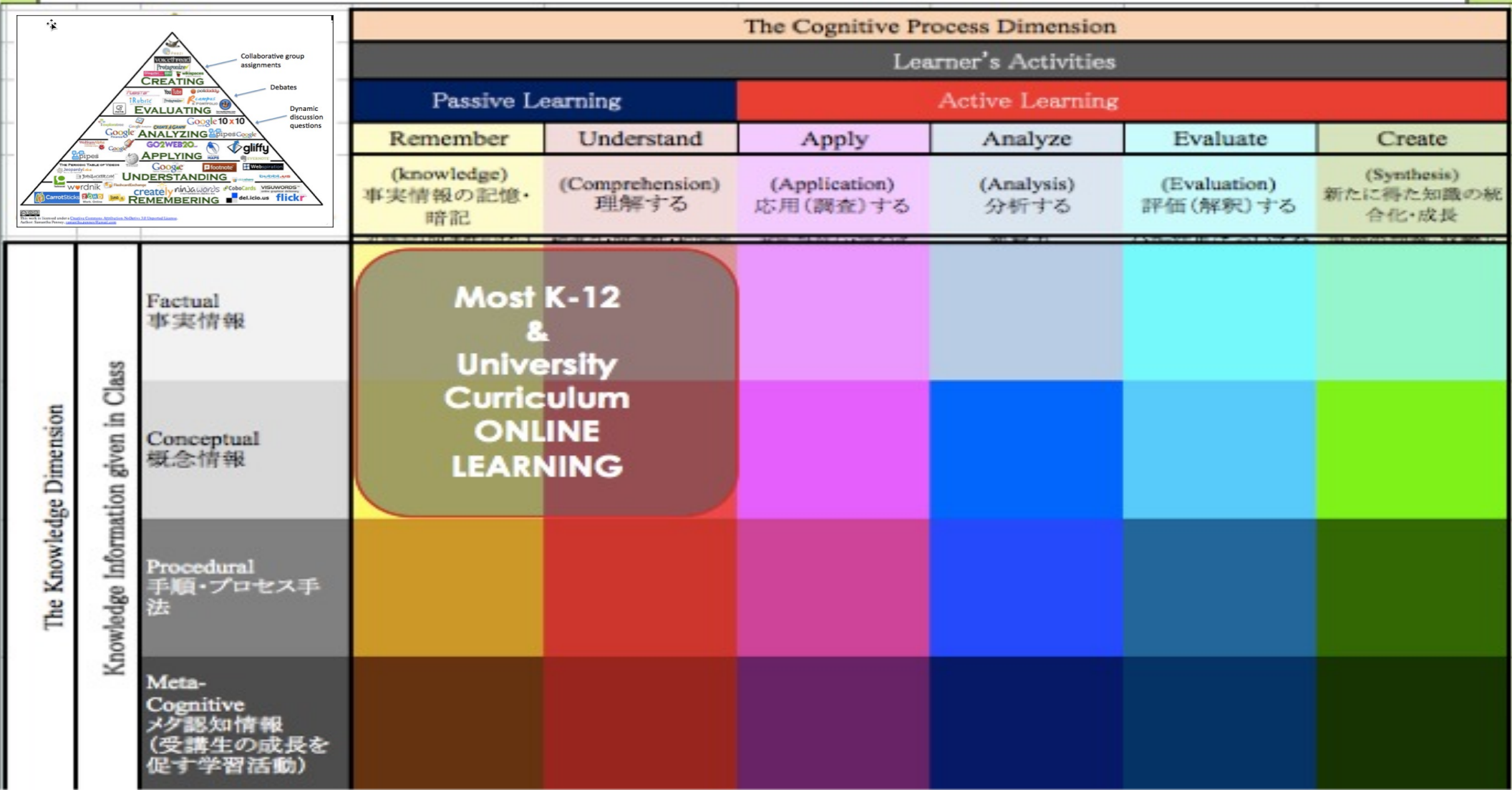




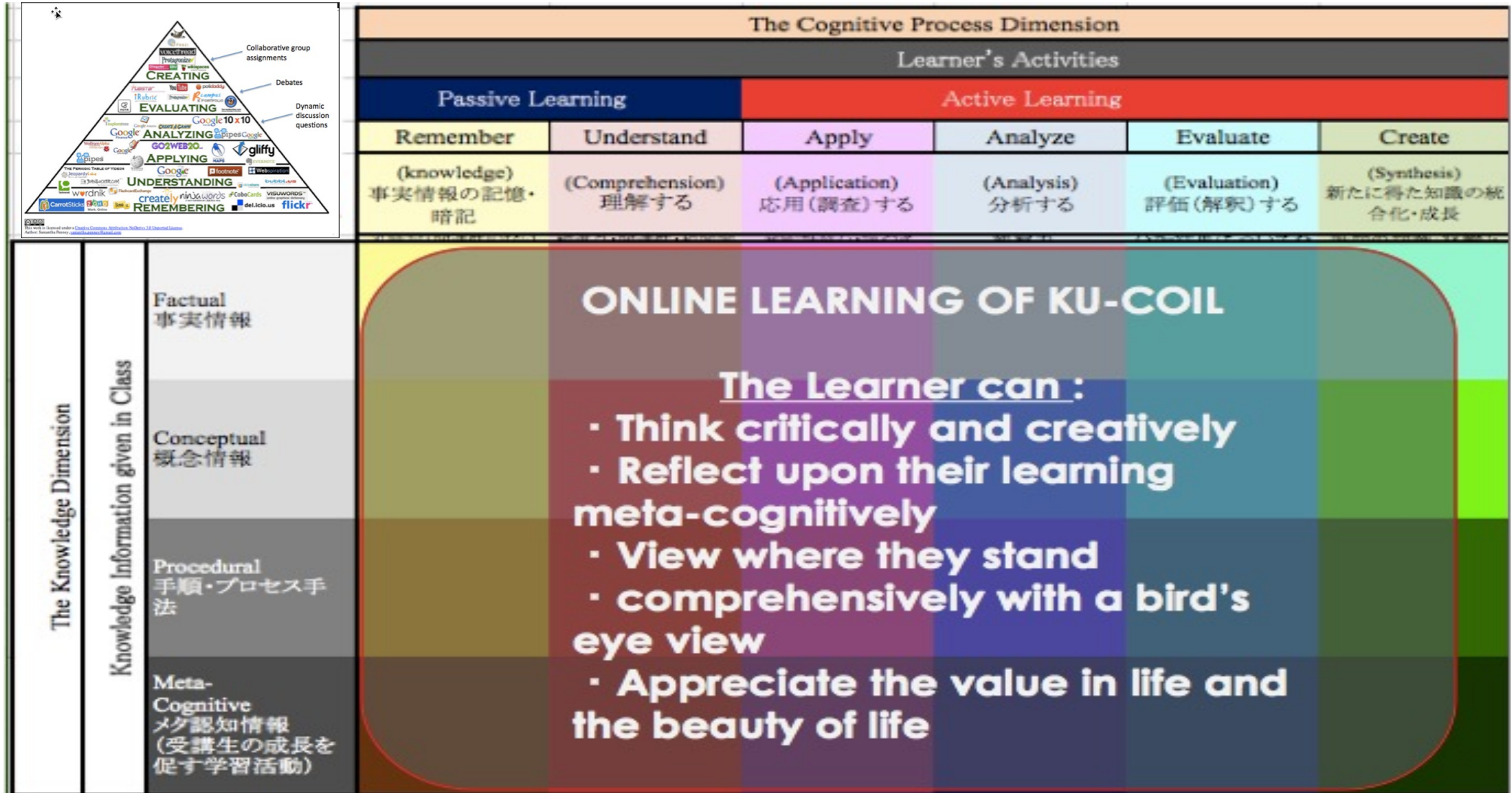
The Cognitive Process Dimension					
Learner's Activities					
Passive Learning			Active Learning		
Remember	Understand	Apply	Analyze	Evaluate	Create
(knowledge) 事実情報の記憶・ 暗記	(Comprehension) 理解する	(Application) 応用(調査)する	(Analysis) 分析する	(Evaluation) 評価(解釈)する	(Synthesis) 新たに得た知識の統 合化・成長

The Knowledge Dimension	Knowledge Information given in Class	Factual 事実情報	Yellow	Red	Purple	Grey	Cyan	Light Green
		Conceptual 概念情報	Yellow	Red	Purple	Blue	Light Blue	Light Green
		Procedural 手順・プロセス手 法	Brown	Red	Purple	Blue	Dark Blue	Dark Green
		Meta- Cognitive メタ認知情報 (受講生の成長を 促す学習活動)	Brown	Red	Purple	Dark Blue	Dark Blue	Dark Green

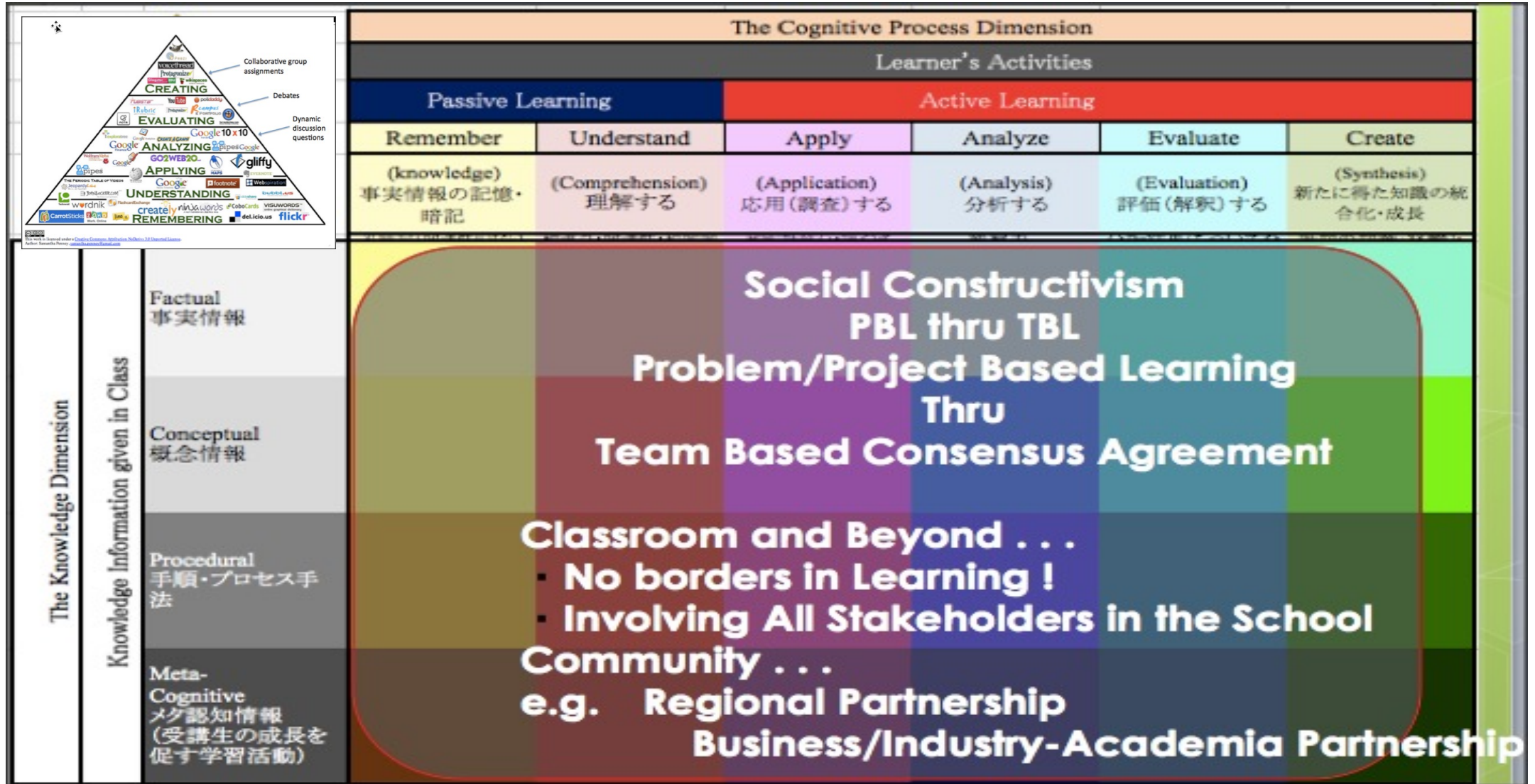
GOING BEYOND TRADITIONAL LEARNING



ACTIVE LEARNING



ACTIVE LEARNING



In order to work in a team . . .

- **Problem-Based Learning through Team-Based Learning**
- All members must be on the same page! (Project-Based)
 - ICT enhanced Visual Organizers: (e.g. SimpleMind®, Post-It Plus®, Padlet®, Mural®, JamBoard®, etc.)
- Social Constructivism / Connectivism
- Consensus Building through Discussion/Communication
Communication for Trust-Building
 - Using Cases: **Authentic Situations** that we may encounter in our daily life.

Sense Making: ICT and Communication

- ◆ Communication Skills:
Needs for communication with students from other cultures and values.
 - ◆ Long-Lasting Trust Building (Win-Win Negotiation Skills)
- ◆ **Problem Solving Skills**: Common issues in our society
- ◆ Project Management Skills:
Working in Teams: International/Global Teams
- ◆ **Consensus** Building through TBL
- ◆ Go Global ! – Diversity, Cultural Differences, Inclusive Society

Future Work Skills 2020

While all six drivers are important in shaping the landscape in which each skill emerges, the color-coding and placement here indicate which drivers have particular relevance to the development of each of the skills.

KEY

-  Drivers—disruptive shifts that will reshape the workforce landscape
-  Key skill needed in the future workforce



The Future,
Better Life,
Transcendancy

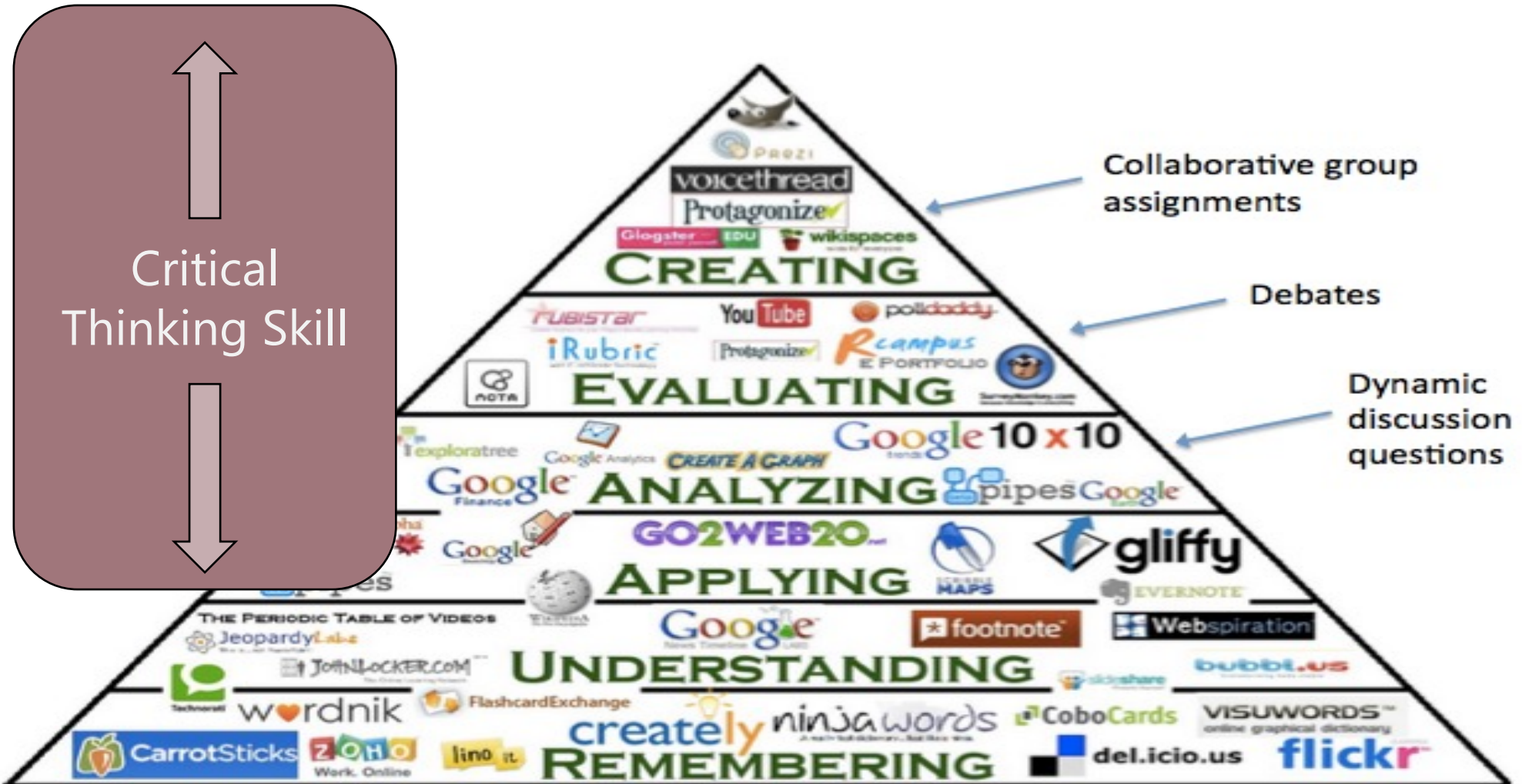
10 Needs for Future Education

The background of the slide is a collage of a Forbes article page. The article title is "Are You Ready? Here Are The Top 10 Skills For The Future" by Reuven Gorsht, SAP. The article content is partially visible, discussing the need for skills like sensemaking, social intelligence, and cross-cultural competencies. Overlaid on this background are 10 white text items representing the needs for future education:

- Sense Making
- Social Intelligence
- Novel & Adaptive Thinking
- Cross-Cultural Competencies
- Computational Thinking
- New Media Literacy
- Transdisciplinarity
- Design Mindset
- Cognitive Load Management
- Virtual Collaboration

Bloom's Taxonomy enhanced with ICT

<http://catlintucker.com/wp-content/uploads/2012/04/Blooms-with-notes.png>



What Technology Can & Cannot Replace In The Classroom



Jerry Heick

October 16, 2019 in The Future Of Learning 12 min read



What Technology Can & Cannot Replace In The Classroom

teachthought

Can replace

Can improve

Less likely to improve

Know the limitation of Technology in Education!

Report cards

Teacher professional development

<https://www.teachthought.com/the-future-of-education/>

Learning the limitation of Technology in Education

e In The

What Technology Can & Cannot Replace In The Classroom

teachthought

Can replace

- Schools and teachers
- Lessons and units
- Worksheets
- Textbooks
- Tests
- Textbooks
- Lecture cards
- Letter grades

Can Improve

- How students ask questions
- Student confidence
- Grading process
- Reteaching of content
- Student creativity
- Differentiation
- Student creativity

Less likely to improve

- Less likely to improve
- Critical thinking
- Quality of student questions
- Quality of student questions
- Utility of academic content

What Technology Can & Cannot Replace In The Classroom

by Terry Heick — October 16, 2019 in The Future Of Learning 12 min read



Authentic Learning/Assessment must reside here!

What Technology Can & Cannot Replace In The Classroom

Can replace

Schools and teachers

Lessons and units

Worksheets

Textbooks

Tests

Lecture

Letter grades

Report cards

Can Improve

How students ask questions

Student confidence

Grading process

Reteaching of content

Differentiation

Student creativity

Teacher professional

Teacher professional

Less likely to improve

Critical thinking

Quality of student questions

Utility of academic content

Quality of student questions

Utility of academic content

<https://www.teachmean.com/the-future-of-learning/>

5 Innovation in Education

Innovation => Connecting the Dots in the Past

You can't connect the dots looking forward; you can only connect them looking backwards. So you have to trust that the dots will somehow connect in your future. You have to trust in something - your gut, destiny, life, karma, whatever. This approach has never let me down, and it has made all the difference in my life

~ Steve Jobs ~

www.StatusMind.com


<http://statusmind.com/life-quotes-844/>

MY MODERN MET
POPULAR ART DESIGN PHOTOGRAPHY STORE MORE TOPICS ENGLISH

Amazing Sculptures Show People Carving Their Ideal Figures Into Their Own Bodies

By Margherita Cale on September 28, 2020

[f](#) [p](#) [t](#)



Mexican artist **Victor Hugo Yáñez Piña** is known for his incredible figurative sculptures in wax, resin, and bronze. His recent work explores the power of autonomy in forging your own path. The piece, entitled *Self-Made Man*, features a male subject staffed with the traditional sculpture tools of a hammer and chisel, who is taking it upon himself to carve out his idealized form from a larger body.

Example Courses will follow . . .

**We can only
make
innovations
from what
we already
have!**

https://mymodernmet.com/victor-hugo-yanez-pina-sculptures/?fbclid=IwAR0W6UzIiKtNm05esgysXm7J9Shpq3goJiZtUZDTTNb_mkGhYIF_W58jZpA

Learning Opportunities

Active Learning Global Learning

Regional Coalition/Partnership

Industrial/Business
Coalition/Partnership

Social Entrepreneurship
Realm: SDGs

<http://coil.suny.edu/homeA>

Image source: www.uvic.ca/hsd/nursing/assets/images/photos/international/globe.jpg

Learning
Environment

Learning Opportunities

Global Learning

COIL (Collaboration Online International Learning)

COIL is a method which two classes (or more) from different universities (and possibly from different countries) can work on a same project together, or simply create an opportunity to have intercultural/international communication with the ICT enhanced tools. Various tools available in Web 2.0 era are used in order to enable this kind of connection among them. Kansai University is interested in formally adopting this kind of activities as institutionally encouraged / promoted endeavor as a part of globalization/internationalization act for us. KU is going to have its 130th anniversary year very soon (2017), and it wants to include the development of Kansai COIL platform with overseas network by then.

COIL has begun in SUNY, USA. More information can be found in their homepage, and some relevant parts are cut and pasted below. With their collaboration, Kansai University is now planning to have our first international gathering event in upcoming December, particularly Dec 5-7th to be precise. We would like to invite some international guests on our budget, and more overseas / domestic guests are welcomed to participate in this three day event.



Collaborative Online International Learning



ImmerseU

Social Entrepreneurship

Kansai U – NYP, Singapore - Texas A & M

Connecting the world. Brought to you by IIGE & Class2Class.



CLASS 2 CLASS

Course Contents

• Social Entrepreneurship

KU – Singapore NYP – USA Texas A & M

• Period: June – Sept

- Texas A&M Summer Term 6 Teams (End of May ~)
- Nanyang Polytech(NYP) 20 Teams (April 20th ~)
- Kansai University 1~2 Teams (April 20th ~)

• Students: =>Study Abroad

https://www.youtube.com/playlist?list=PLD3_vtr_3D52I20f11_CK0tklRfxbBa9








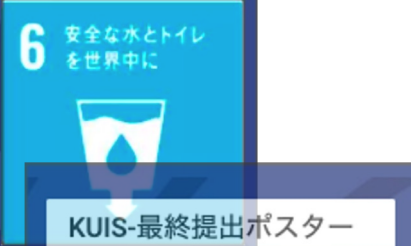

Since SE 2019 KU/Kuis – NYP

<https://padlet.com/soetosh/8884zoo1rxkk>

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https://padlet.com/soetosh/global_studies_kuis-nyp_padlet-cgdx346izd10ujbm

<p>JOINT Project</p> <p>Area of Interest</p> <p>SDGs</p>  <p>SCU Professor's Greeting</p> <p>Hello, my name is Tim Chen</p> <p>KUIS Professor</p> <p>Hello! This is Tosh Yamamoto.</p>	<p>東呉大學</p> <p>Introduction</p>  <p>歡迎光臨東吳大學 :::: 東吳大學首頁 東吳大學 SCU</p> <p>Introduction (English)</p>  <p>::::: Soochow University :::::</p>	<p>関西国際大学</p> <p>Introduction</p>  <p>関西国際大学 ホーム 関西国際大学は、兵庫県三木市に本部を... kuis</p> <p>Wikipedia</p>  <p>関西国際大学 - Wikipedia</p>	<p>research on SDG (continues)</p> <p>Step ONE will be in posters.</p> <p>week.</p> <p>on Day</p> <p>Public Policy In Asia presentation</p> <p>Time: 3.05pm-5pm meet code: jca-kypp-sdq Host: Dr. Tim Chen</p> <p>plastic pollution</p> <p>SUSTAINABLE DEVELOPMENT</p> <p>NTATION</p> <p>on Day!</p>	<p>SCU GROUP 1</p> <p>List members</p>	<p>SCU GROUP 2</p> <p>List members</p>  <p>Can we live without plastic?</p> <p>Group members: 高生 浩 (m3409) 林 暉明 市 川 明 (m2219) 橋本 樹乃 高 一 誠 (m2132) 藤岡 和也 高 一 誠 (m2131) 藤岡 和也</p> <p>Public policy-plastic by 裕曼晴 google docs</p> <p><Proposal report> Can we live without plastic? https://docs.google.com/presentation/d/1-</p>	<p>SCU GROUP 3</p> <p>List members</p>  <p>Water Pollution</p> <p>07121202_藤岡 和也</p> <p>Public policy by Venus Chen google docs</p> <p>yamaguchi 水質汚染についてわかりやすかったです</p>	<p>SCU GROUP 4</p> <p>List members</p>  <p>KUIS-最終提出ポスター</p> <p>Water shortage in Taiwan PPT</p>  <p>SDGs~きれいな水を世界に~ SDGsとは 世界をよくなる17の目標</p> <p>Water shortage in Taiwan PPT Powerpoint presentation padlet drive</p> <p>026_a2211070_橋本樹乃_Q1 PDF document padlet drive</p> <p>031_a2211077_藤岡和也_Q1 PDF document padlet drive</p> <p>025_a2211097_吉宇田美優_Q1 PDF document padlet drive</p>
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KUIS (Kobe) – Soochow University (Taipei)

Area of Interest ==> Quick Research ==> Sharing Research Results/Identifying Problems ==> PBL in Teams



COIL → Collaborative Online Global & PBL Learning

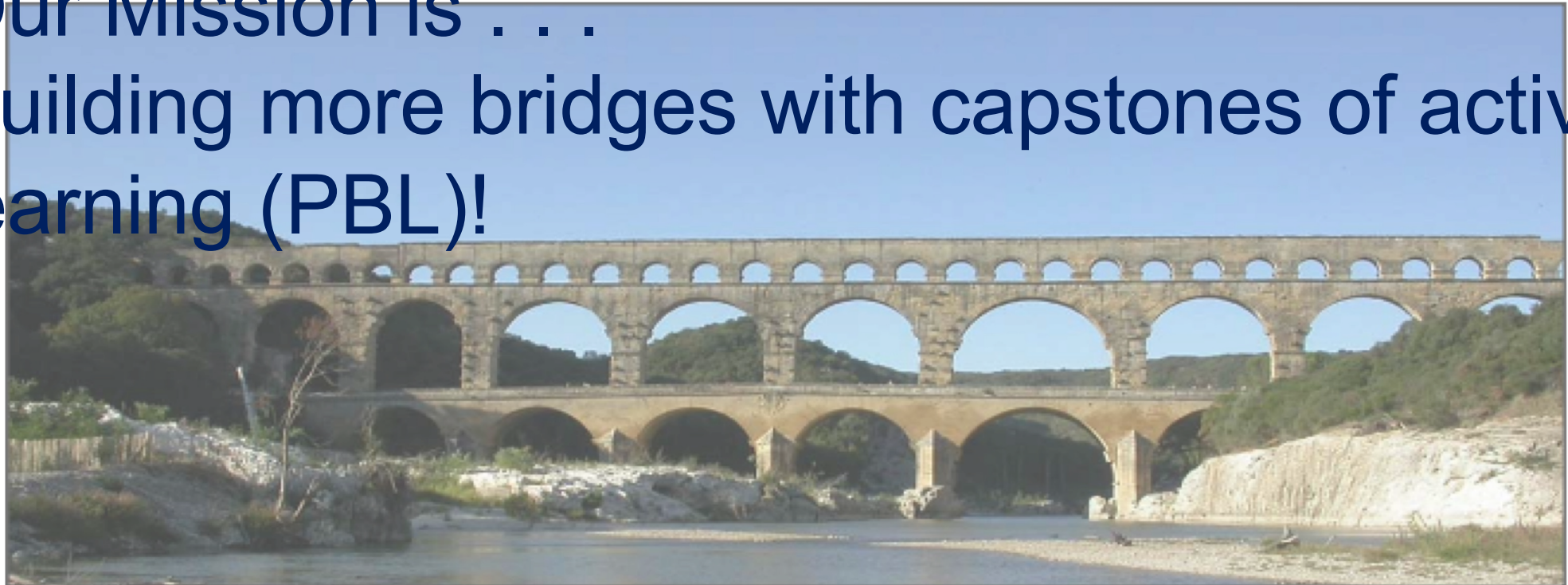
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Image of Learning compared to bridge building in Rome.

Snapshots for the learning process as well as the development flow of the learning set by the learner.

PBL → Social Entrepreneurship

**Our Mission is . . .
Building more bridges with capstones of active
learning (PBL)!**



シュールシュタルの遺跡より

From Google

What are **the main challenges** to designing authentic learning/assessments?

- Professional Development
 - From Full-time researchers to Future Education Designer
 - Teaching => Learning : Pedagogy to Andragogy
 - Passive Learning to Active Learning (AGILE Learning)
- Instructor Mindset
 - Role Model for Students
 - Future Design in Education
 - Be responsible for raising future generations with Future Skills
 - Future generation must face Singularity (2045): **Freshmen today will be almost 50 years old!**

Education Model

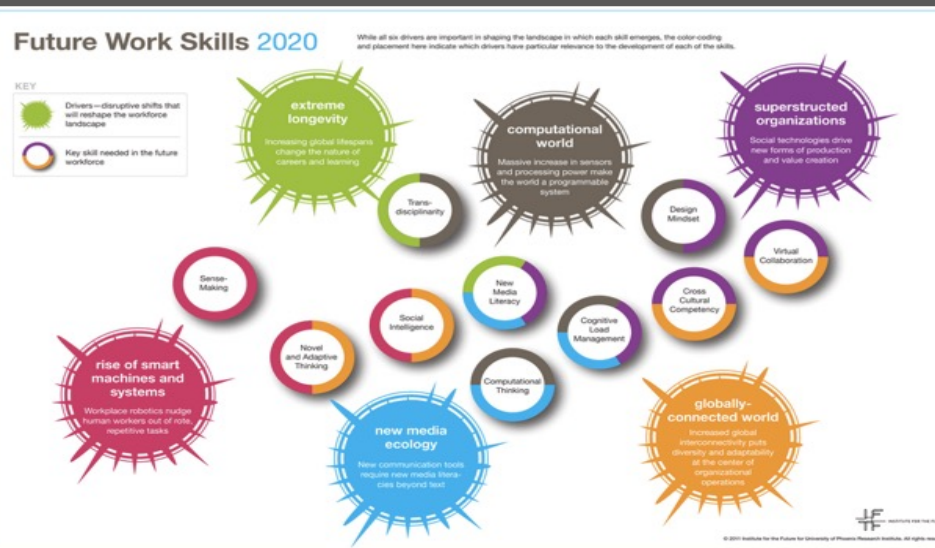
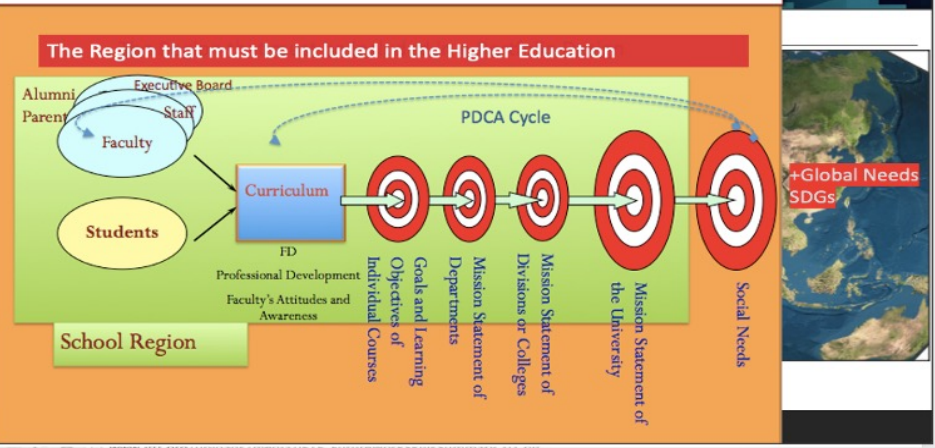
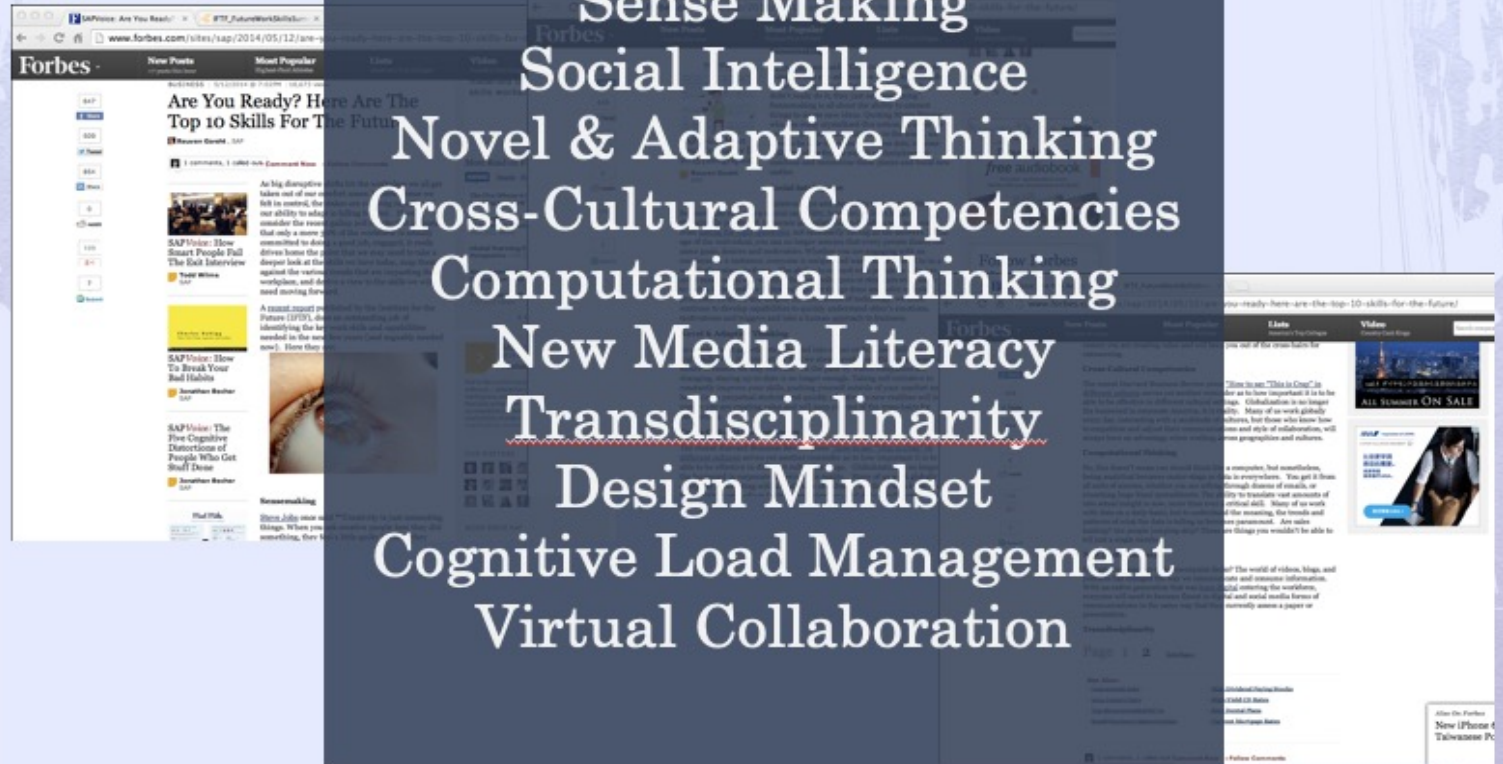
Incorporating Future Skills in the Curriculum

-the-future/2

The Future,
Better Life,
Transcendancy

10 Needs for Future Education

- Sense Making
- Social Intelligence
- Novel & Adaptive Thinking
- Cross-Cultural Competencies
- Computational Thinking
- New Media Literacy
- Transdisciplinarity
- Design Mindset
- Cognitive Load Management
- Virtual Collaboration



SHOWCASES → GO TO THE NEXT SET OF SLIDES

Let's explore the innovative world of authentic learning!

2-1. K-12 Tier: STEAM

-Title: City Auncel—Analyzing Learners' Multiple Representations Literacy in the Socio-scientific Issue Inquiry Game Based on GIS Information
Speaker: Dr. Juling Shih

-Title: Incorporating Regional Social Aspects and Gamification in STEAM education.
Speaker: Dr. Kazuya Takemata (Tosh Yamamoto)

2-2. Higher Edu Tier: COIL and Beyond . . .

-Title: Academic Writing COIL, Tourism, Essay Writing, Press Release Writing
Speakers: Prof. Ru-Shan Chen & Yi-Chien Wang, Tosh Yamamoto

-Title: Social Entrepreneurship with Global Collaborative Learning
Speakers: Prof. Chris Pang/Prof. Benson Ong/Dr. Tosh Yamamoto

2-3. Graduate Tier

-Title: Integration of E-portfolio into General Education Classroom and Automate Classification Model for E-portfolio
Speaker: Dr. Minoru Nakazawa. Design Thinking

2-4. Corporate Tier: Human Resources

-Title: Trust-Building and Negotiation Practicum
Speaker: Masanori Tagami & Tosh Yamamoto

3. Further Discussion and Conclusion:

In Charge: Workshop ChairsWhat is your next step in New Education Normal?



