

# **What is the Educators' Mission for the Future Students?**

## **- Scenario Planning of Educational Design Targeting at the Singularity Era -**

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# Why such a theme?

- ◆ Educators' Mission
  - ◆ Raising the future generation
  - ◆ Not giving pre-fabricated knowledge and values (but Critical Thinking Skill)
  - ◆ Giving students chances to grow transcendence mind to lead to new values (Creative Thinking Skill)

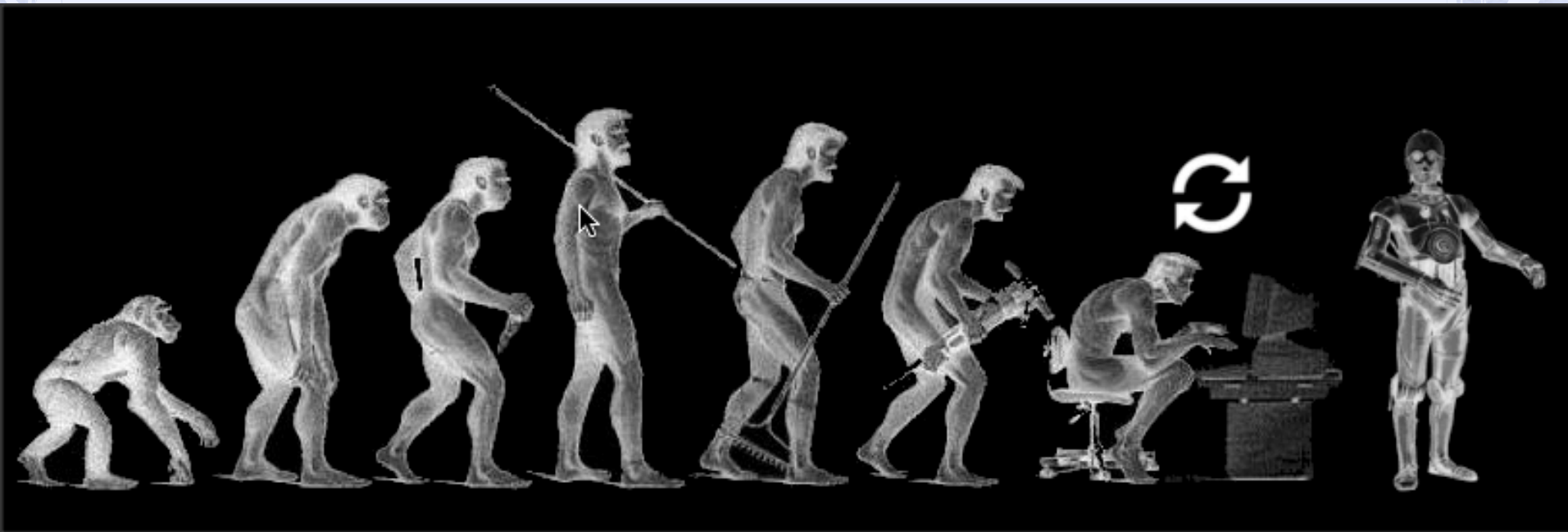


# While on the other hand ....

- ◆ Paradigm Shift in Education is just around the corner.

# Job Market Dynamics

- ◆ Singularity (2045) → New Job Market?



How old will your students be in 2045?


# Disappearing Jobs

## 47% of Jobs Will Disappear in the next 25 Years <sup>\*5</sup>, According to Oxford University

🕒 December 27, 2016 by PHILIP PERRY










# Disappearing Jobs and Reasons

 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  EMAIL  PRINT

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### 2017 Big Data Trends

Free Whitepaper! What's New for Big Data in 2017? Download Now. [tableau.com](http://tableau.com)





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

# Happened Recently

One of the major banks in Japan

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!

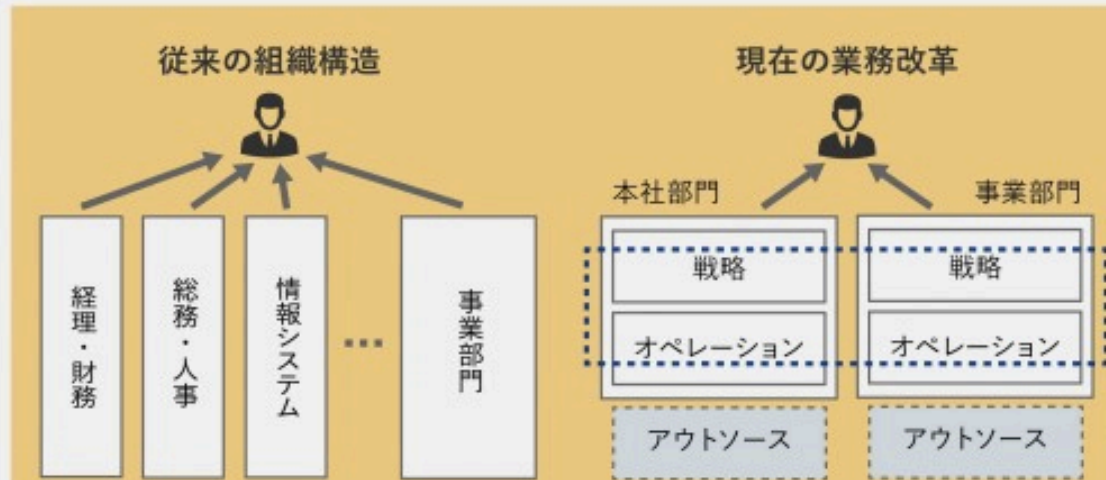
1分で読む



[東京 28日 ロイター] - 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。

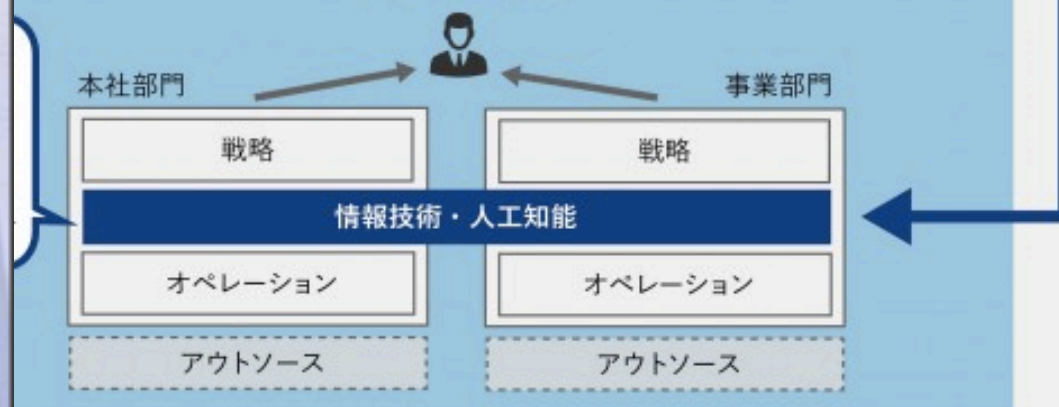


# 人の役割の二極化 Two-Tier Structure



Routine jobs → AI and Robots

情報技術・人工知能による  
新しい企業像



## The Case Against Education

Why the  
Education System  
Is a Waste of  
Time and Money

Bryan Caplan

[mirai.doda.jp/series/interview/tomota-terada-part1/](http://mirai.doda.jp/series/interview/tomota-terada-part1/)

作成：野村総合研究所

# JOB MARKET IN THE FUTURE

bc.com/news/technology-30290540

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Technology

## Stephen Hawking warns artificial intelligence could end mankind

By Rory Cellan-Jones  
Technology correspondent

🕒 2 December 2014 | Technology | 📧



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the biggest threat facing  
one that has in some ways  
been discovered: artificial  
(AI). The physicist Stephen  
g has said that AI could  
real danger' in the 'not-too-  
future. Hawking added that  
s that computers develop

[http://www.bbc.com/news/](http://www.bbc.com/news/technology-30290540)

[technology-30290540](http://www.bbc.com/news/technology-30290540)

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

intelligence and take over. Humans, who are limited by slow biological evolution, couldn't compete, and would



# 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



00:01 / 01:24

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Pizza, Nazis Say**



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House Republicans**



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# How do we educate the future generation?

- ◆ Traditional Education Paradigm has seen the handwriting on the wall!
- ◆ A Paradigm Shift in Education is **a must**.
  - ◆ New educational philosophy
  - ◆ New educational model: New learning environment

[www.themodern.in/wp-content/uploads/2015/01/quote-for-website-ed-system.jpg](http://www.themodern.in/wp-content/uploads/2015/01/quote-for-website-ed-system.jpg)

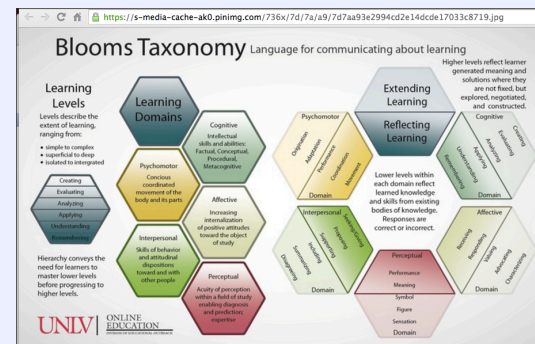
**We cannot continue teaching with the methods of the 19th century and hope to prepare our children for the 21st century.**



# A Quote: From Horizon 2020 Proposal

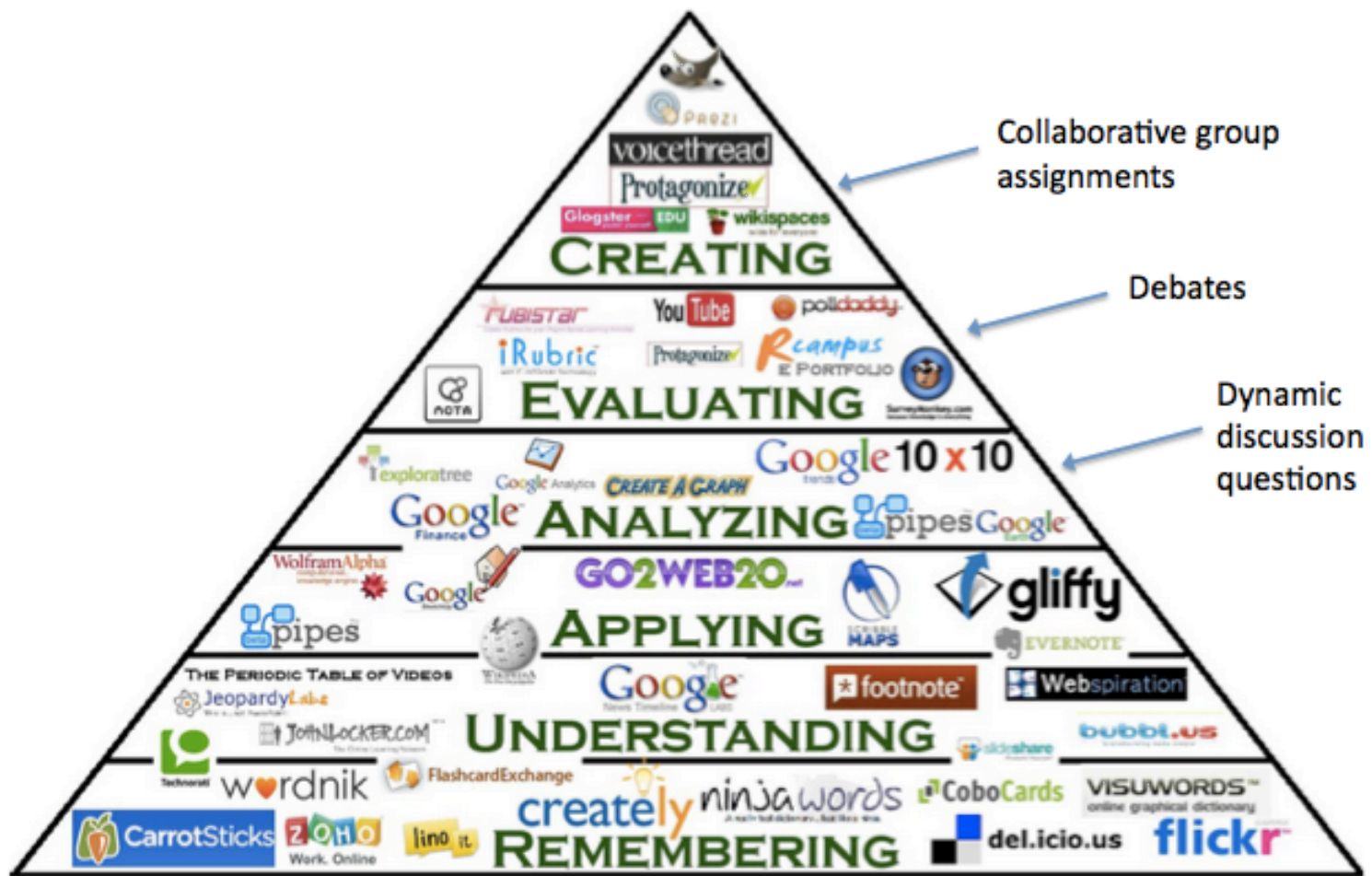
- ◆ We can not educate 21<sup>st</sup> century citizens using only 19<sup>th</sup> century methodologies.
  - ◆ the vision of ... **Collaborative Education** is that without doubt the largest impact on our society will be obtained by addressing the needs of our children to get personalized education: (1) motivating teachers to motivate students, (2) addressing their creativity, and (3) getting them in contact with their equals and the rest of the society to share their needs and motivations, thus closing the circle.

The 21st Century Classroom			
21st Century Skills are a combination of cognitive processes and the technologies that enable individuals to leverage these processes for the greatest impact. The 21st Century classroom is one that is student centered, project based and focused on creating life-long learners.			
Research & Information Fluency	Problem Solving & Critical Thinking	Collaboration & Communication	Creativity & Innovation
<b>Teacher:</b> <ul style="list-style-type: none"> <li>provides opportunities for students to develop and demonstrate essential skills.</li> </ul>	<b>Teacher:</b> <ul style="list-style-type: none"> <li>provides opportunities for students to develop and demonstrate essential skills.</li> </ul>	<b>Teacher:</b> <ul style="list-style-type: none"> <li>creates structures, provides opportunities, and assesses student performances</li> </ul>	<b>Teacher:</b> <ul style="list-style-type: none"> <li>provides opportunities for students to develop and demonstrate essential skills.</li> </ul>
<b>Students:</b> <ul style="list-style-type: none"> <li>select appropriate digital tools to assemble, evaluate, and utilize information.</li> <li>apply varied research skills to find and evaluate resources.</li> <li>use information and resources to accomplish real-world tasks.</li> </ul>	<b>Students:</b> <ul style="list-style-type: none"> <li>use multiple resources to plan, design, and execute real-world problems.</li> <li>use technology to collaborate and solve authentic problems.</li> <li>develop and answer open-ended questions using higher order thinking skills.</li> </ul>	<b>Students:</b> <ul style="list-style-type: none"> <li>initiate communication in real and non-real time.</li> <li>communicate and collaborate with learners of diverse cultural backgrounds.</li> <li>form collaborative teams to solve real-world problems and create original works.</li> </ul>	<b>Students:</b> <ul style="list-style-type: none"> <li>apply critical thinking, research methods, and communication tools to create original work, collaborate effectively with an audience beyond the classroom to create original work.</li> </ul>

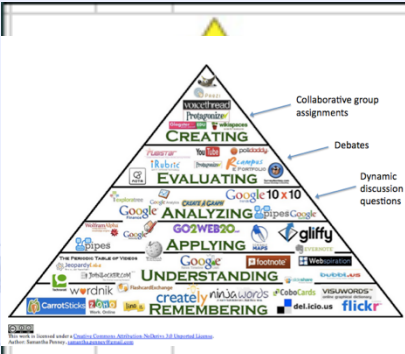


<http://catlintucker.com/wp-content/uploads/2012/04/Blooms-with-notes.png>

# Bloom's taxonomy: Learner's



# Learners



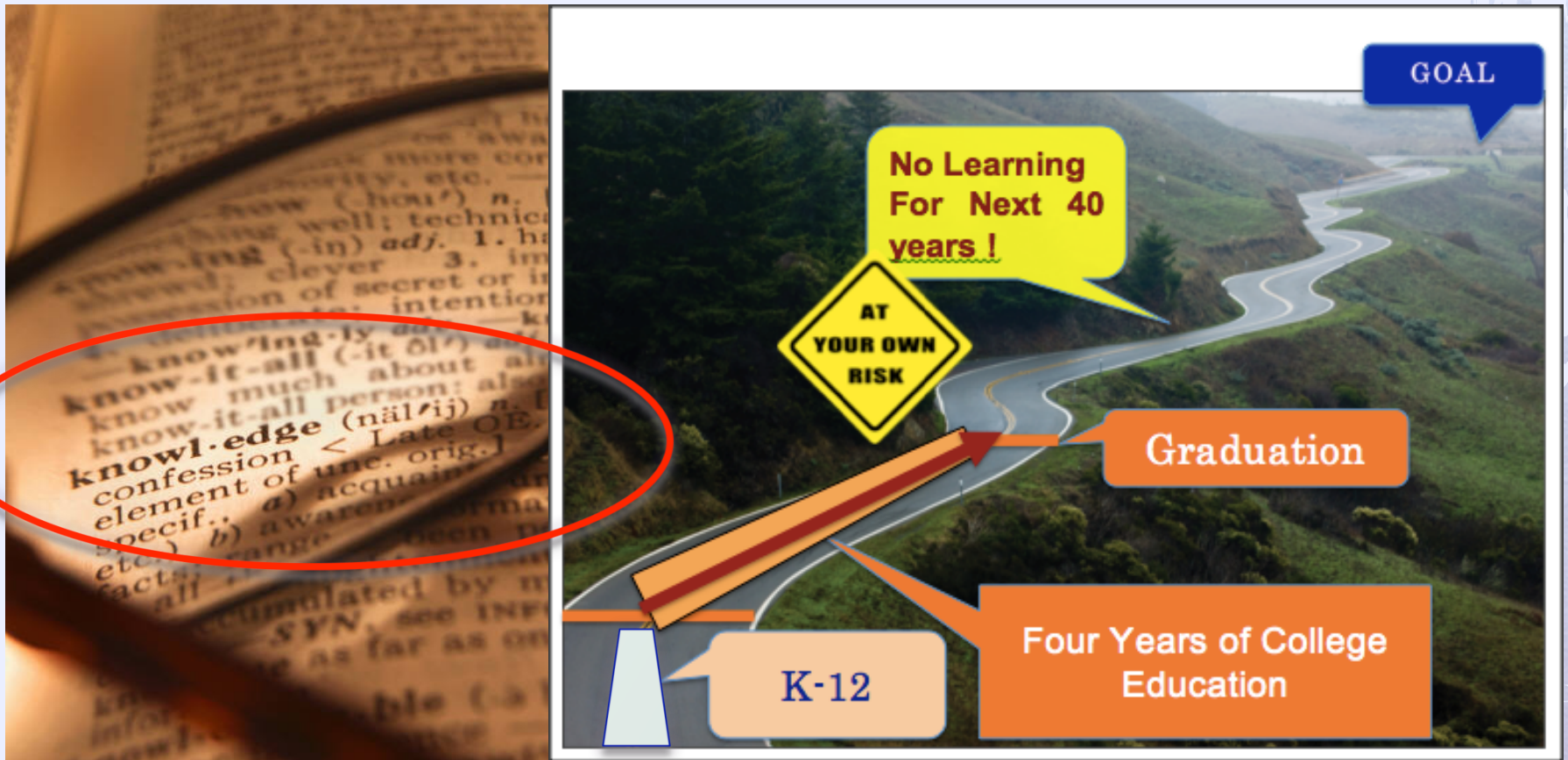
The Cognitive Process Dimension					
Learner's Activities					
Passive Learning			Active Learning		
Remember	Understand	Apply	Analyze	Evaluate	Create
(knowledge) 事実情報の記憶・ 暗記	(Comprehension) 理解する	(Application) 応用(調査)する	(Analysis) 分析する	(Evaluation) 評価(解釈)する	(Synthesis) 新たに得た知識の統 合化・成長

The Knowledge Dimension	Knowledge Information given in Class	Factual 事実情報	Yellow	Brown	Pink	Grey	Cyan	Light Green
		Conceptual 概念情報	Yellow	Red	Pink	Blue	Light Blue	Light Green
		Procedural 手順・プロセス手 法	Brown	Red	Pink	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



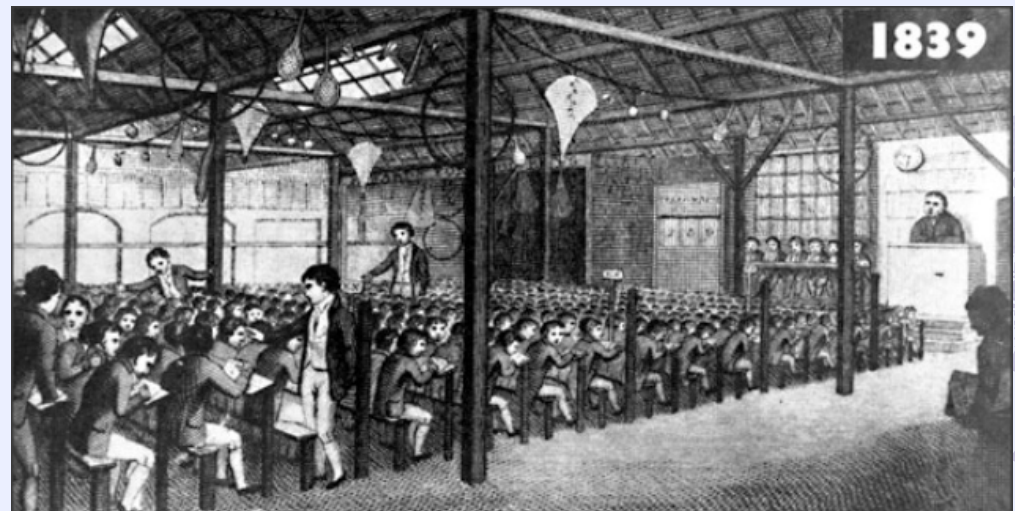
# The Role of University: Gas Station for life?

Filling the knowledge tank in the students' brain for the life-long career?



# History of Education

- ◆ Educational Paradigm Today
  - ◆ The Prussian (German) Educational System
    - ◆ 1806
    - ◆ <https://feltd.wordpress.com/2010/09/16/the-prussian-german-educational-system/>










# This is happening now!

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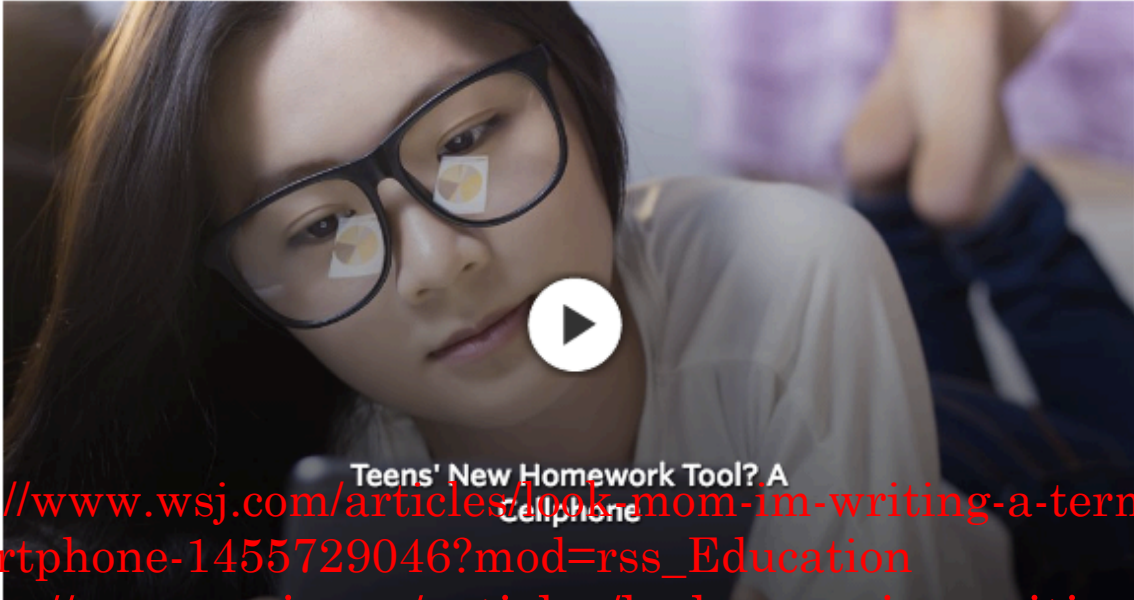
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**LIFE | LIFE & STYLE**

## Look, Mom, I'm Writing a Term Paper on My Smartphone

After years of cellphone bans, many teachers now invite teens to use smartphones for homework and during class



**Teens' New Homework Tool? A Smartphone**

More high-school students are using mobile phones to complete homework and research projects, and some educators are embracing the change. **Charles Wang** and **Nancy Cunniff** join **Teacher Heidi Bernasconi** join **Tanya Rivero**. Photo: iStock

**STAR ALLIANCE** **20 YEARS** **CONNECTING PEOPLE**

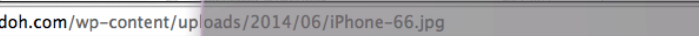
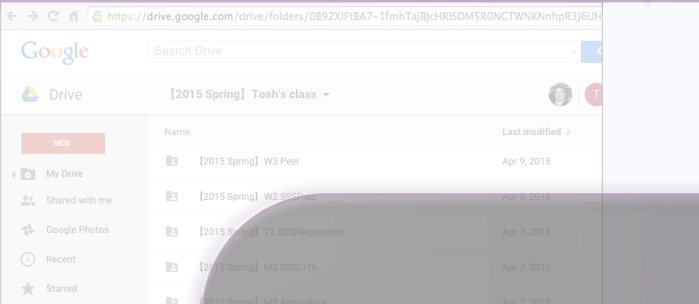
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◆ <https://www.wsj.com/articles/look-mom-im-writing-a-term-paper-on-my-smartphone-1455729046>

# Google Drive Share/Edit/PBL with Team Members!



Guarantees 24/7 team  
learning environment





# Active Learning is essential!



← → ↻ 🏠 [www.tu-collaborative.org/wp-content/uploads/2014/10/Bio-Science-64.jpg](http://www.tu-collaborative.org/wp-content/uploads/2014/10/Bio-Science-64.jpg)

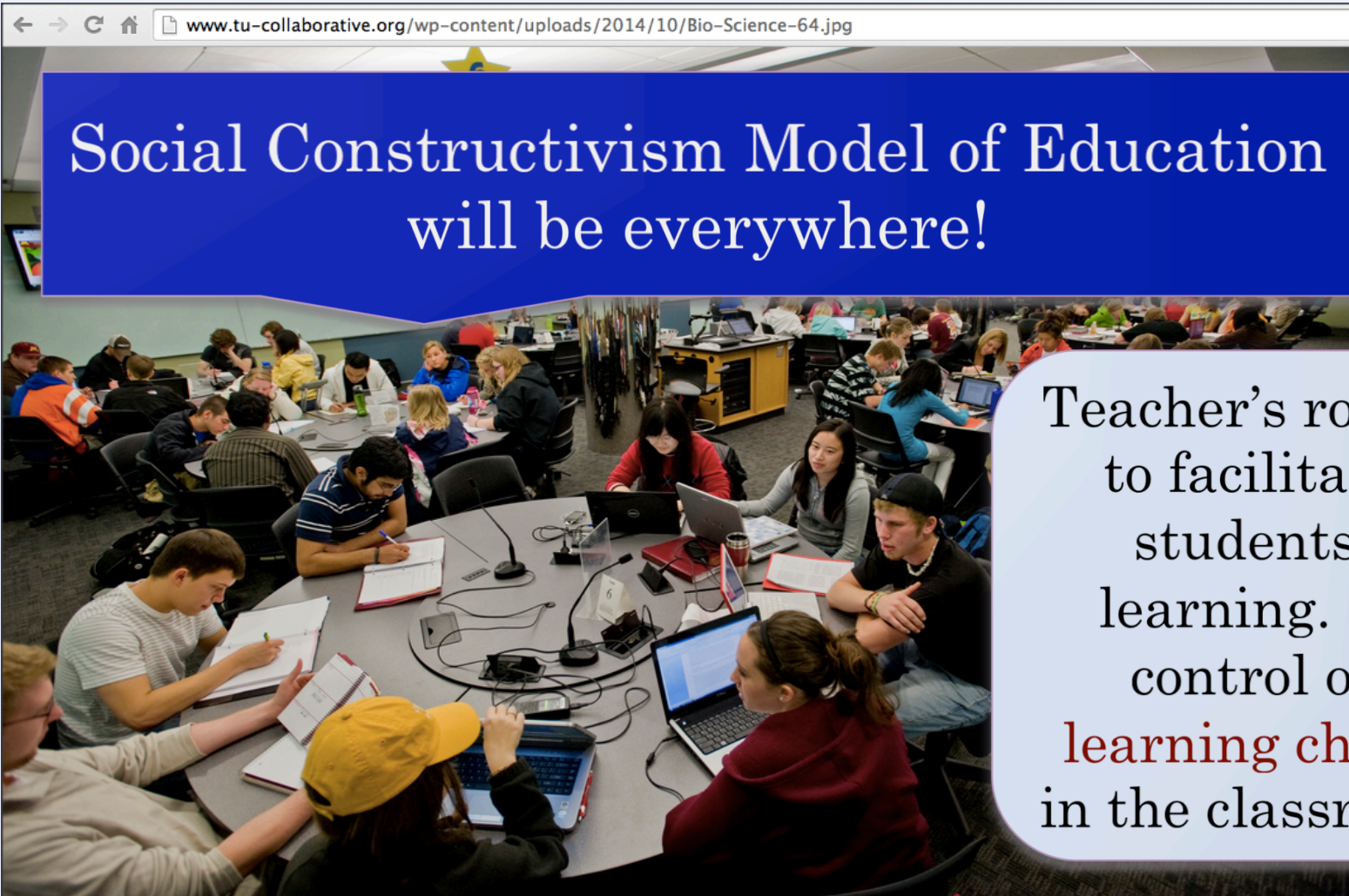
For the future education,  
Social Constructivism Model of Education  
will be everywhere!

Face-to-Face  
In-Class  
Learning

# Active Learning is essential!

← → ↻ 🏠 [www.tu-collaborative.org/wp-content/uploads/2014/10/Bio-Science-64.jpg](http://www.tu-collaborative.org/wp-content/uploads/2014/10/Bio-Science-64.jpg)

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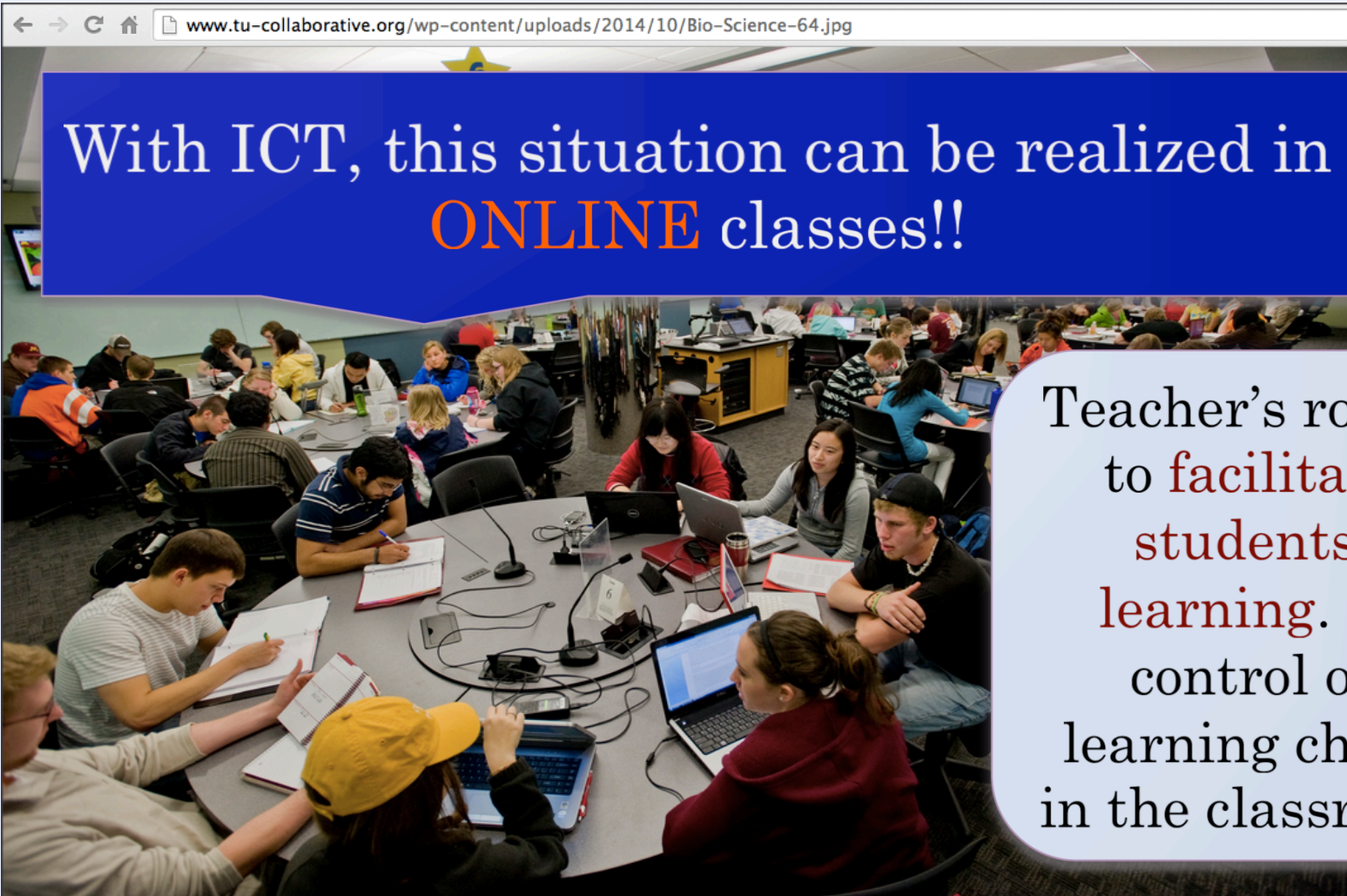
Teacher's role is to facilitate students' learning. --- control of learning chaos in the classroom



# Active Learning is essential!

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With ICT, this situation can be realized in **ONLINE** classes!!



Teacher's role is to facilitate students' learning. --- control of learning chaos in the classroom

# Sense Making: ICT and Communication



- ◆ **Communication Skills:**  
Needs for communication with students from other cultures and values.
  - ◆ Long-Lasting Trust Building
- ◆ **Problem Solving Skills:** Common issues in our society
- ◆ **Project Management Skills:**  
Working in Teams: International/Global Teams
- ◆ **Consensus** Building through TBL
- ◆ Go Global !

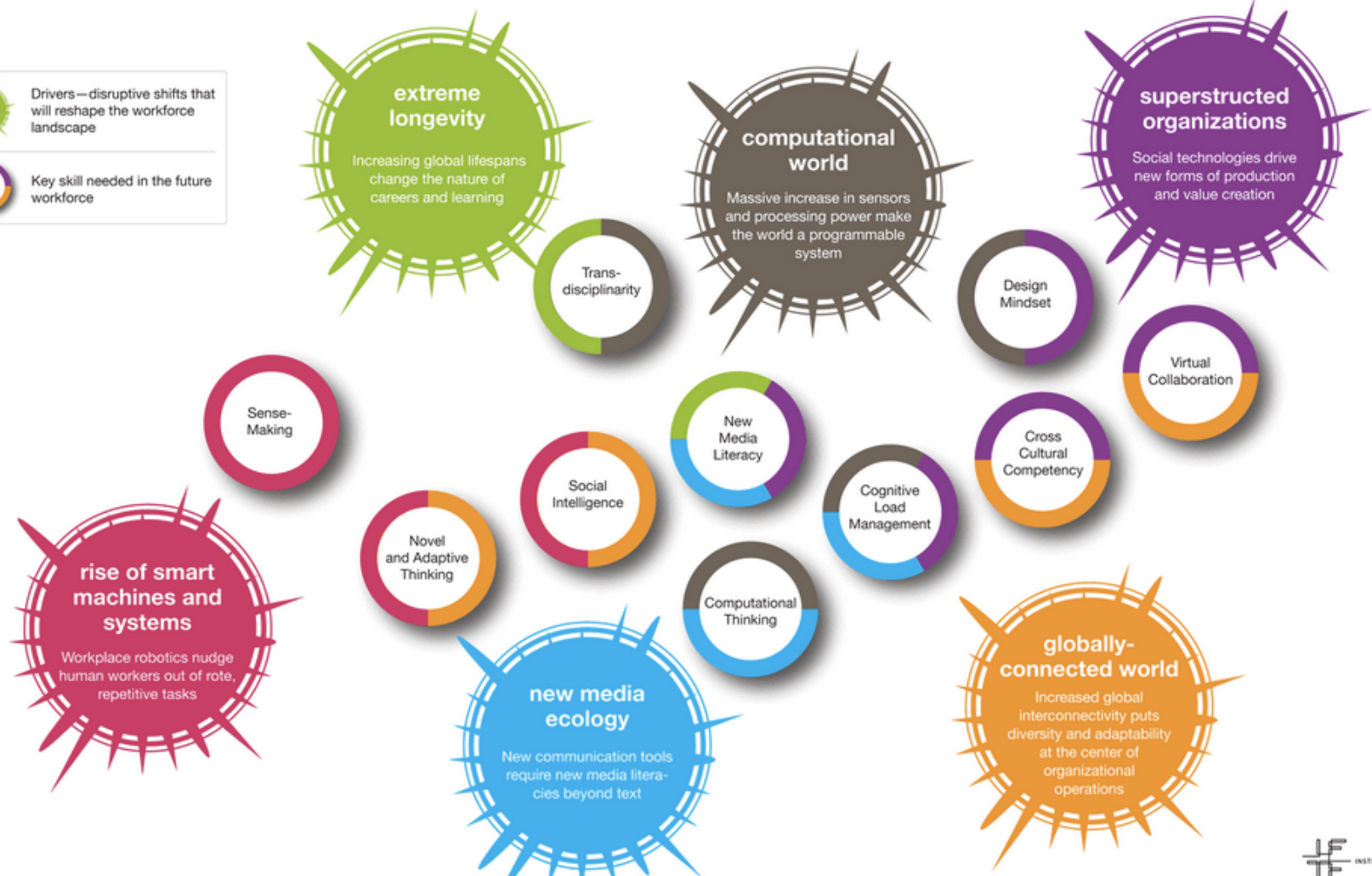


# Future Work Skills 2020

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.

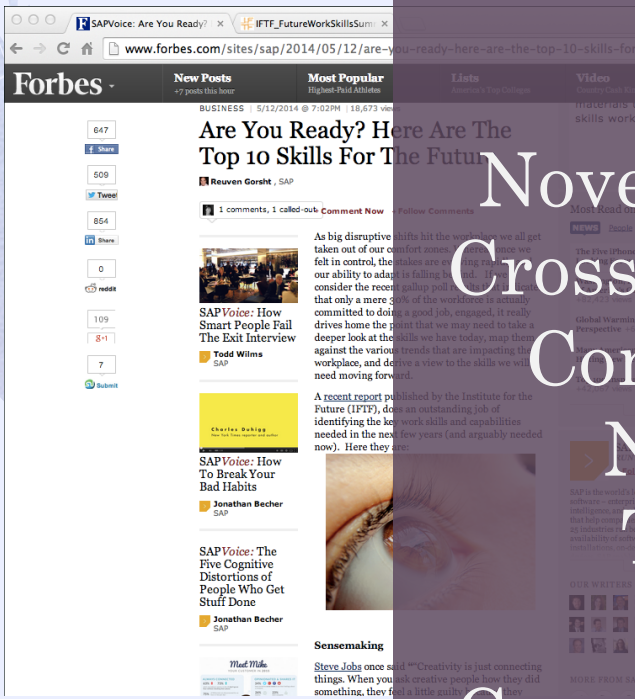
**KEY**

-  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



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



# 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





# A Quote:

## From Horizon 2020 Proposal

- ◆ We can not educate 21<sup>st</sup> century citizens using only 19<sup>th</sup> century methodologies.

- ◆ the vision of ... **Collaborative Education** is that without doubt the largest impact on our society will be obtained by addressing the needs of our

children to get personalized education: (1) motivating teachers to motivate students, (2) addressing their creativity, and (3) getting them in contact with their equals and the rest of the society to share their needs and motivations, thus closing the circle.

Active Learning  
Social Constructivism  
PBL through TBL  
Global is a must!

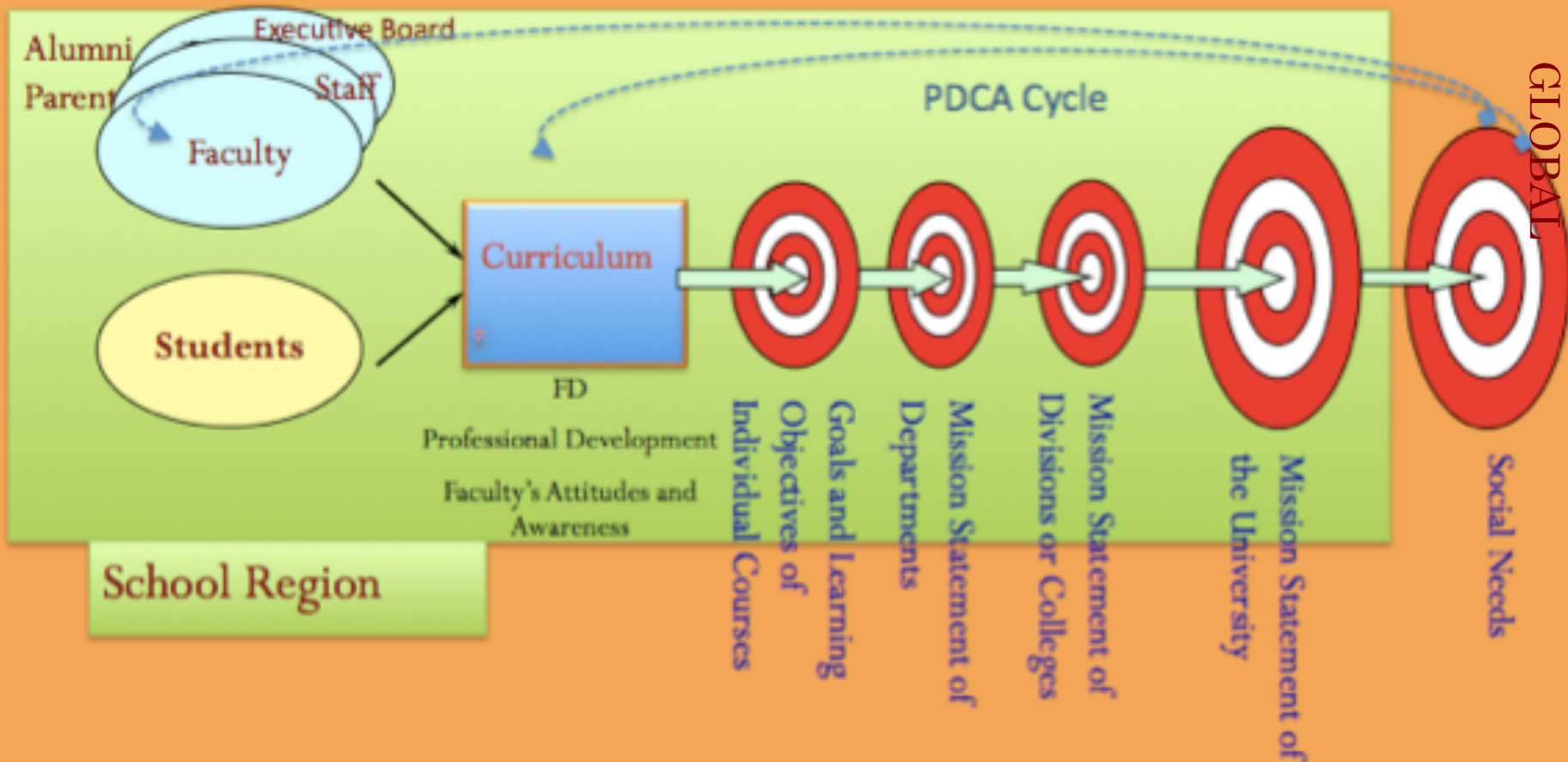
The 21 <sup>st</sup> Century Classroom			
<b>Students</b> <ul style="list-style-type: none"><li>• select appropriate course books to maximize learning and value transmission</li><li>• work on real-world problems</li><li>• use technology to collaborate and solve authentic problems</li><li>• develop and answer open-ended questions using higher order thinking skills</li></ul>	<b>Students</b> <ul style="list-style-type: none"><li>• use multiple sources to learn about and solve real-world problems</li><li>• use technology to collaborate and solve authentic problems</li><li>• develop and answer open-ended questions using higher order thinking skills</li></ul>	<b>Students</b> <ul style="list-style-type: none"><li>• in real and virtual time</li><li>• communicate and collaborate with learners of diverse cultural backgrounds</li><li>• form collaborative teams to solve real-world problems and create original works</li></ul>	<b>Students</b> <ul style="list-style-type: none"><li>• use research methods and research methods, and communication tools to create original work, collaborate effectively with an audience beyond the classroom to create original work.</li></ul>





# Education Model

The Region that must be included in the Higher Education



# How do you make your students become ready for the future?

- ◆ Traditional Education Paradigm has seen the handwriting on the wall!
- ◆ A Paradigm Shift in Education is a must.
  - ◆ New educational philosophy
  - ◆ New educational model: New learning environment

**We cannot continue teaching with the methods of the 19th century and hope to prepare our children for the 21st century.**

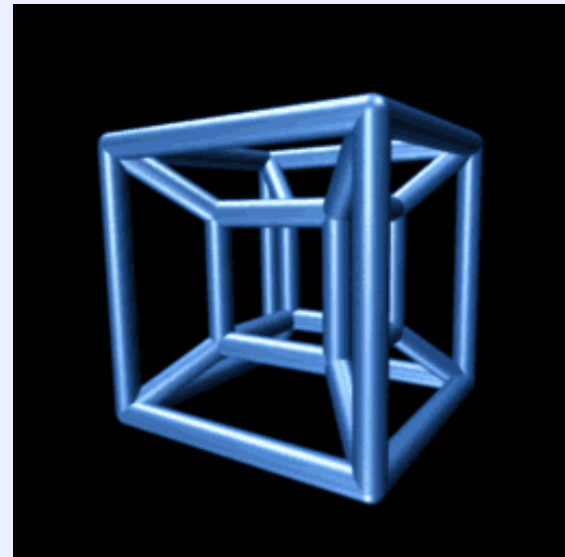


# PROGRAM

- ◆ • COIL for ICT-Enhanced Learning
  - ◆ New Curriculum: KU-COIL (Collaborative Online International Learning)
  - ◆ Harnessed with Tesseract-ive and Critical Thinking Skills

## Tesseract-ive

the four-dimensional hypercube  
(Tesseract-ive in the sense that the context analysis is conducted in Three-Dimensionally spatial as well as temporal span (past – present – the future in the scenario planning session.)



# Show Case

- ◆ As an example of the tesseractive learning, a show case curriculum is demonstrated.
- ◆ Tesseractive & Global Liberal Arts :
  - ◆ Critical Thinking



# COIL LEARNING ENVIRONMENT FOR PBL THROUGH TBL

ICT –Enhanced Learning to Foster Work Skills 2020

Tosh Yamamoto, CTL, Kansai University – Masanori Tagami, Otemon U – Tomoko Sato, CLTD, Tohoku U – Maki Okunuki, HLC, Kwansai U – Anthony Liao, Vivian Wu, Steve Yang, Asia University – MeiJun Shih, CLTD, NTU – Shelly Young, NTHU – Wu-Yuin Huang, NCU – Ming-Puu Cheng, NTNU – An-Pang Cheng, Raymond Chen, NIU – Juling Shih, NUTN (Student Presenter: Tomoya Ikezawa)

**KU-COIL**

KANSAI UNIVERSITY  
COLLABORATIVE ONLINE  
INTERNATIONAL  
LEARNING

Six Great Benefits!



# COIL-based Learning

- ◆ Progress Report on collaborative active learning endeavor with National Taiwan University (NTU)



NTU CLASS View

# COIL-based Learning

- ◆ Progress Report on collaborative active learning endeavor with National Taiwan University (NTU)



**KU CLASS View**





# Collaborative Online International Learning

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.



From Google

# Meta Syllabus Level

## Sample Syllabus

COIL Course for Academic Skills Enhancement with Negotiation Practicum

	General Outline	Detailed Information
1	Orientation	Goal Setting Active Learning in the Social Constructivism Paradigm House Keeping Rules for this class Mini-Lecture: Characteristics: Problem-Based Learning (PBL) with Global Teams
<hr/>		
2	Active Learning (PBL)	Team Building Mini-Lecture: Situational Leadership Discussion: Team Rules
3	Visual Organizers (ICT Thinking Tools)	For every member to be on the same page Two-Tier Learning Environment a. Visual Organizers for intra-team activities (concept map) b. Internet Environment for inter-team activities (cloud service)
4	Team Activity (1)	Developing Active Learning Competencies: Brain Storming Mini-Lecture: Brain Storming Technique with Post-It Plus®
5	Team Activity (2)	Developing Active Learning Competencies: Information

# Course Level

## Sample Modules for Syllabus

COIL Exchange - Kansai University & National Taiwan University

*e.g. KUGF Independent Study (English Skills Development: Fundamental Academic Skills)*

*e.g. NTU Freshman Seminar*

---

Upon the completion of the course, you will walk away with:

**1** The confidence to go beyond an understanding of the fundamental knowledge and the importance of the academic skills for life-long active learning, as well as implement such learning strategies for academic achievement and career development.

**2** A roadmap for your academic and career planning in your life context, empowering you to apply active learning strategies to the life and career context as a situational leadership opportunity.

**3** Recognition of your understanding of the importance of active learning strategies in the PBL context for the wellness of the future design of career and life, i.e., the work-life balance.

---

*Professor Tosh Yamamoto*



# Learning Object Meta Data Contents

## Learning Experience Modules

The modules below can be used in various situations based on the class dynamics and the level of students' level of understanding and performance.

### Course Starters:

**Module A:** [Casual Lecture] Orientation

**Module PBL:** [Casual Lecture]

Concept: PBL through Team Based Learning (Situational Leadership Model)

**Module TEAM:** [Casual Lecture] Concept: Working with Team: Team Building with Empathy

### Course Learning Tools: Using Visual Organizers:

**Module VO-001:** Generating Ideas: Brain Storming with ~~Post-It's~~

**Module VO-002:** Generating Ideas: Organizing the Output of Brain Storming with ~~Post-It's~~

**Module VO-003:** Generating Ideas: Meta-Cognitive Organization for the Output of Brain Storming with Concept Mapping Tools

**Module VO-004:** Developing Critical Thinking Skills: KWL Model with Brain Storming

**Module VO-005:** Developing Critical Thinking Skills: SWOT Analysis

**Module VO-006:** Developing Critical Thinking Skills: PEST Analysis

**Module VO-010:** Developing Skills for Sense Making: Associating more than two things or concepts

**Module VO-011:** Developing Skills for Creative Options

**Module VO-012:** Developing Skills for Decision Making

### Research:

**Module Research-001:** What is a Team-Based Research?

**Module Research -010:** Steps in Research: Brain Storming to Narrow Down a Research Area  
Plan – Execute

**Module Research -011:**

# Detailed Instructional Strategies

What to do in class?

## Learning Experience Modules

### Detailed Descriptions of the Listing Above

#### Course Starters:

#### Module A: Orientation

1. Pre-Assessment: Knowing students' levels: where the students are in the course of development
  - Identifying the starting point
2. Setting the goal for the course
3. Setting the learning objectives (breakdown of the course goal)
  - Clarifying the minimum requirement for passing the course
4. Sharing the House Keeping Rules for the course
5. Clarifying the Course Operation Structure: Role of Instructor :: Role of Students

.....

Self-Assessment Tools: Questionnaires for Learning Assessment

Bloom's Taxonomy matrix

Realm of Learning: Multiple Intelligences

KWL (Thinking Tool)

Probing questions (a set)

House Keeping Rules

Course Operational Procedure (samples)

.....

#### To-Do after class:

Use the given QR cord ([soetosh](#)) to sign up for the class LINE group.

Use your Google Gmail account to send me ([soetosh@gmail.com](mailto:soetosh@gmail.com)) your student ID and name for creating the class learning space on the Google Cloud Service.

(Purpose: Getting Ready for Team-Based Learning Portfolio)

# Critical Thinking: Sprint I (5 Weeks)

e.g. Flipgrid & Padlet



- ◆ Team Building with Empathy/Trust
- ◆ Each Team sets their own theme for CT
- ◆ All members & the entire class to be “on the same page” of Learning!
- ◆ Team Activity Report in Rich Media
- ◆ View Presentations by Other Teams & Give Constructive Comments
- ◆ Reflection session => SWOT Analysis => Goal Setting for the Future Learning (in writing/video)



# 2018SpringM2

Wonderful tool for teamactivities!

TOSH YAMAMOTO DEC 02, 2017 01:21PM

## CLASS INTRO

### Sogo's Flipgrid Response

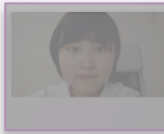
Flipgrid is where social and emotional learning happens! The leading video discussion platform for millions of PreK to PhD educators, students, and families.



FLIPGRID.

### 白川's Flipgrid Response

Flipgrid is where social and emotional learning happens! The leading video discussion platform for millions of PreK to PhD educators, students, and families.



FLIPGRID.

### Mina's Flipgrid Response

Flipgrid is where social and emotional learning happens! The leading video discussion platform for millions of PreK to PhD educators, students, and families.



### 石丸's Flipgrid Response

Flipgrid is where social and emotional learning happens! The leading video discussion platform for millions of PreK to PhD educators, students, and families.



FLIPGRID.

## SPRINT I : TEAMS

### TEAM A

篠原、河端、岡下

### TEAM B

木村、白川、小石、光岡

### TEAM C

馬場、本田、石丸

Handwritten notes and diagrams for each team, including team names, members, and discussion points.

**関西大学** (Team A)

所属	2018年4月1日	所属	小石 光岡
所属	2018年4月1日	所属	小石 光岡

APR 地震の予知は、地球の内部構造やプレートテクトニクスを研究することで、震源の発生メカニズムや震度の予測が可能になると考えられています。また、地震の発生メカニズムや震度の予測は、防災対策や地震保険の料率決定にも重要な役割を果たしています。

**関西大学** (Team B)

所属	2018年4月1日	所属	木村 白川
所属	2018年4月1日	所属	木村 白川

APR 地震の予知は、地球の内部構造やプレートテクトニクスを研究することで、震源の発生メカニズムや震度の予測が可能になると考えられています。また、地震の発生メカニズムや震度の予測は、防災対策や地震保険の料率決定にも重要な役割を果たしています。

**関西大学** (Team C)

所属	2018年4月1日	所属	馬場 本田
所属	2018年4月1日	所属	馬場 本田

APR 地震の予知は、地球の内部構造やプレートテクトニクスを研究することで、震源の発生メカニズムや震度の予測が可能になると考えられています。また、地震の発生メカニズムや震度の予測は、防災対策や地震保険の料率決定にも重要な役割を果たしています。

# NTU-KU COIL PROGRESS REPORTS

Progres reports and promo videos

TOSH YAMAMOTO DEC 06, 2017 03:56PM

## Team One

### Cultural differences of food between Japan&Tsiwan

Tsumimi Takasato, Tatsuya Ido

### Summary

First, we talked about our culture food each other. Then, we discussed same, similar and different culture of food between Japan and Taiwan. We discussed different culture food in detail. We talked about some genre from concerning to daily life,we talked about some kinds of drink,break fast and taking out. Referring to traditional events ,we talked about night market and the years regular functions. We were surprised at differences each other, and culture was strange. However at the same time,we noticed that we should receive another culture and understand deeply each other.

プレゼン.mp4

GOOGLE DRIVE

Kinds of Water(Taiwan)



We would like to talk about differences of cultural differences between Japan and Taiwan.

<p><b>Team One</b></p> <p>Cultural differences of food between Japan&amp;Taiwan</p> <p><b>Summary</b></p> <p>First,we talked about our culture food each other. Then, we discussed same, similar and different culture of food between Japan and Taiwan. We discussed different culture food in detail. We talked about some genre from concerning to daily life,we talked about some kinds of drink,break fast and taking out. Referring to traditional events ,we talked about night market and the years regular functions. We were surprised at differences each other, and culture was strange. However at the same time,we noticed that we should receive another culture and understand deeply each other.</p>	<p><b>Team Two</b></p> <p>About traditional fashion in Taiwan and Japan</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional fashion in Taiwan and Japan. There are many similarities and differences between Taiwan and Japan. For example, regarding the way of wearing clothes, we found that Japanese wear more formal clothes than Taiwan. Also, we noticed that Japanese people like to wear traditional clothes like kimono and yukata. In Taiwan, people prefer to wear casual clothes like t-shirts and jeans. We also found that Japanese people like to wear traditional shoes like tabi and zori. In Taiwan, people prefer to wear modern shoes like sneakers and loafers. We think that these differences are due to the different climate and culture between Taiwan and Japan.</p>	<p><b>Team Three</b></p> <p>Ideal love for Japanese and Taiwan</p> <p><b>Summary</b></p> <p>We researched about the difference point of ideal love between Japan and Taiwan. In Japan, people like to have a serious and long-term relationship. They value stability and commitment. In Taiwan, people like to have a more casual and short-term relationship. They value fun and spontaneity. We think that these differences are due to the different social norms and values between Japan and Taiwan.</p>	<p><b>Team Four</b></p> <p>Tea, Misaki</p> <p><b>Summary</b></p> <p>In this world, there are many different kinds of tea. Each country has its own traditional tea. In Japan, people like to drink green tea. In Taiwan, people like to drink oolong tea. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>	<p><b>Team Five</b></p> <p>Ryu, Natsumi, Mika, Angel, Junki, Jimmy</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional festival between Japan and Taiwan. In Japan, people like to celebrate traditional festivals like cherry blossom festival and autumn festival. In Taiwan, people like to celebrate traditional festivals like lantern festival and water gun festival. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>	<p><b>Team Six</b></p> <p>Tsuneo, Miki, Shio, Sophia, Sabrina, Eric, Chiyi</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional festival between Japan and Taiwan. In Japan, people like to celebrate traditional festivals like cherry blossom festival and autumn festival. In Taiwan, people like to celebrate traditional festivals like lantern festival and water gun festival. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>	<p><b>Team Seven</b></p> <p>Natsumi Tsuji, Mika Yamada, Sabrina, Eric, Chiyi</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional festival between Japan and Taiwan. In Japan, people like to celebrate traditional festivals like cherry blossom festival and autumn festival. In Taiwan, people like to celebrate traditional festivals like lantern festival and water gun festival. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>	<p><b>Team Eight</b></p> <p>Yuka, Naoki, Hironori, Yuki, Yuki, Yuki</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional festival between Japan and Taiwan. In Japan, people like to celebrate traditional festivals like cherry blossom festival and autumn festival. In Taiwan, people like to celebrate traditional festivals like lantern festival and water gun festival. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>	<p><b>Team Ni</b></p> <p>patrick, ell</p> <p><b>Summary</b></p> <p>We researched about the difference point of traditional festival between Japan and Taiwan. In Japan, people like to celebrate traditional festivals like cherry blossom festival and autumn festival. In Taiwan, people like to celebrate traditional festivals like lantern festival and water gun festival. We think that these differences are due to the different climate and culture between Japan and Taiwan.</p>
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can buy handmad drinks almost you cannot find stores of handmad that,Japanese buy drinks on vending I would like to watch on another buy fast food on vending machine. But in Taiwan,there is no vending

Finally , We would like to introduce The meals are served in single-plate few food. If they left food, they d away.On the other hand, large por served on a table in Taiwan. Some left on the table because people a reason why Taiwanese are habitu restaurant. Wrapping food up and taking out Japanese should imitate Taiwanese

Conclusion Both Taiwan and Japan difference point. Japanese think it is natural think that is unusual things. Reverse is also same. So we should each other.



# Advantages

- ◆ Students learned to
  - ◆ set the pace of learning.
  - ◆ choose a theme for their learning through discussion.
  - ◆ share their discoveries with all the class (followed by their constructive comments)
  - ◆ reflect the entire learning process
  - ◆ work in teams (situational leadership in action)



**What is the Educators' Mission for  
the Future Students?**

**Thank you very  
much!**

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