



**THE SCHOLARSHIPS OF TEACHING AND
LEARNING (SOTL): ESL INSTRUCTORS AS THE
CATALYST FOR THE 21ST CENTURY HUMAN
TALENT DEVELOPMENT**

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STEP A

21st C Human Talents



STEP B

SOTL & ESL Instructors



STEP C

Mapping & Practical
Take-aways





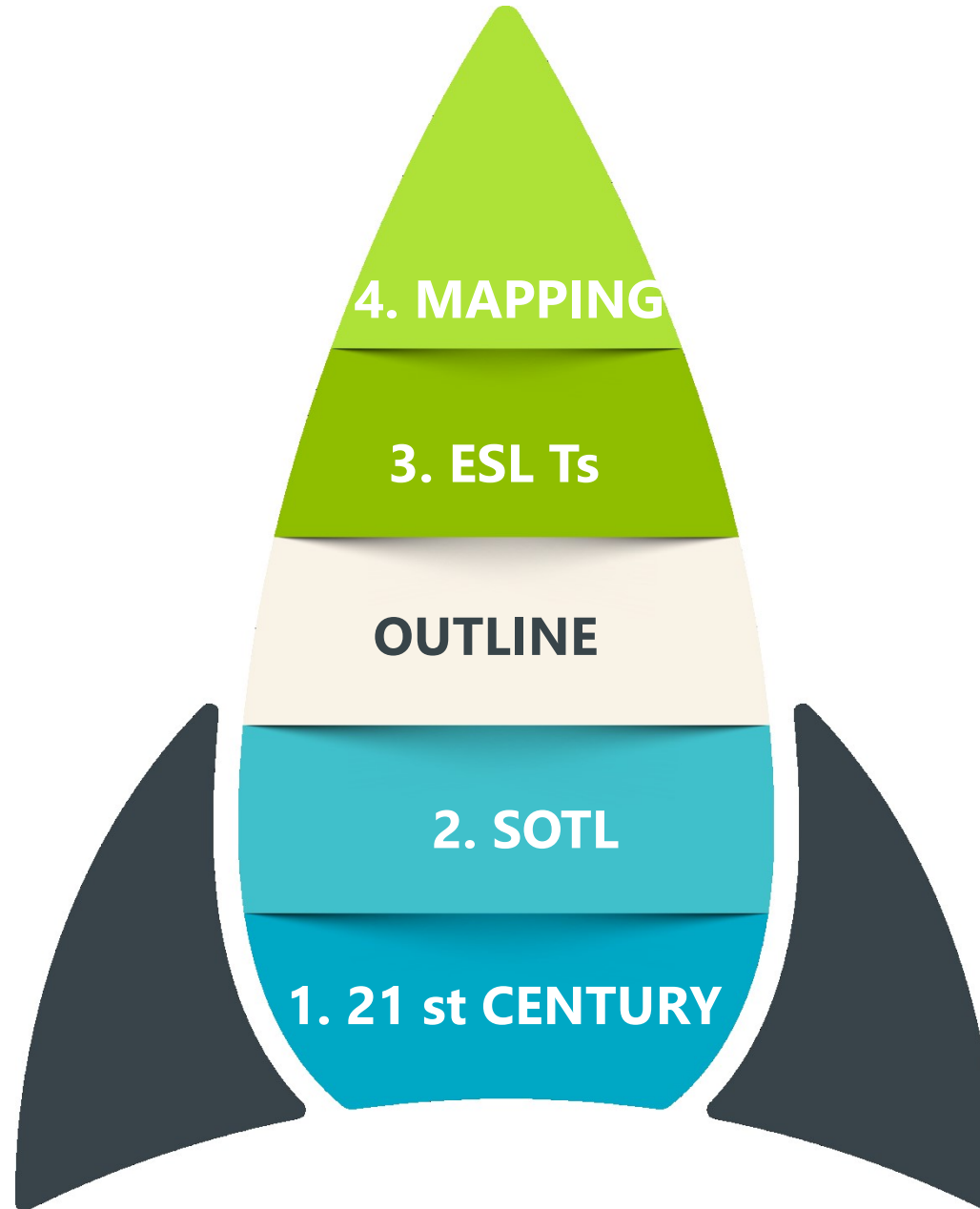
TOPIC 1

Understanding
the demands of
the 21st C



TOPIC 2

Exploring the
SOTL of ESL
Instructors



TOPIC 3

ESL Instructors
as the Catalyst
of Human
Talents



TOPIC 4

Mapping SOTL
and ESL
Instructors'
Approaches &
21ST C Skills



21st century Human Talents



21st CENTURY

IR 4.0

Industry revolutions
1.0 - 4.0

1

SOFT SKILLS

The essential skills

6

SOCIETY 5.0

Humanizing IR4.0

2

TRENDING

Changing jobs'
prospects

5

DISRUPTIVE TECHNOLOGIES

Business unusual; by
the community for the
community

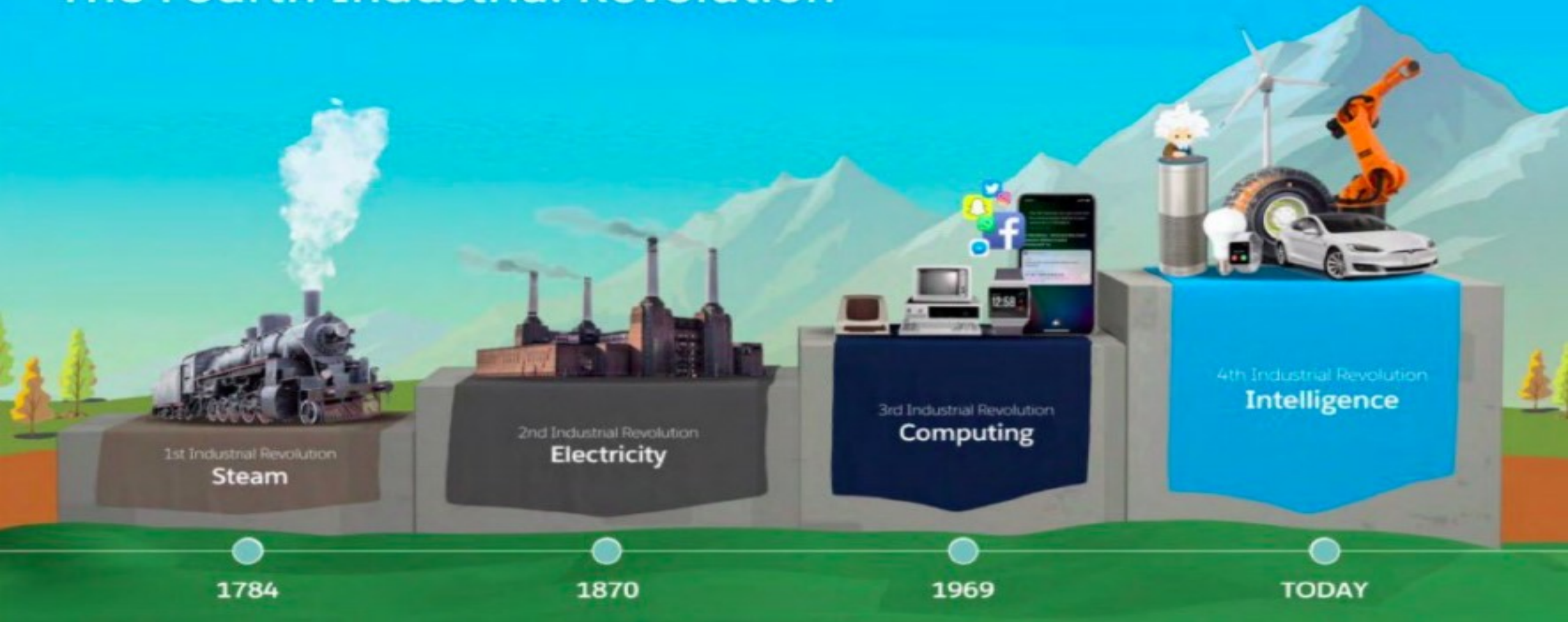
3

P21 T&L FRAMEWORK

Skill-related

4

The Fourth Industrial Revolution

















SOCIETY 5.0

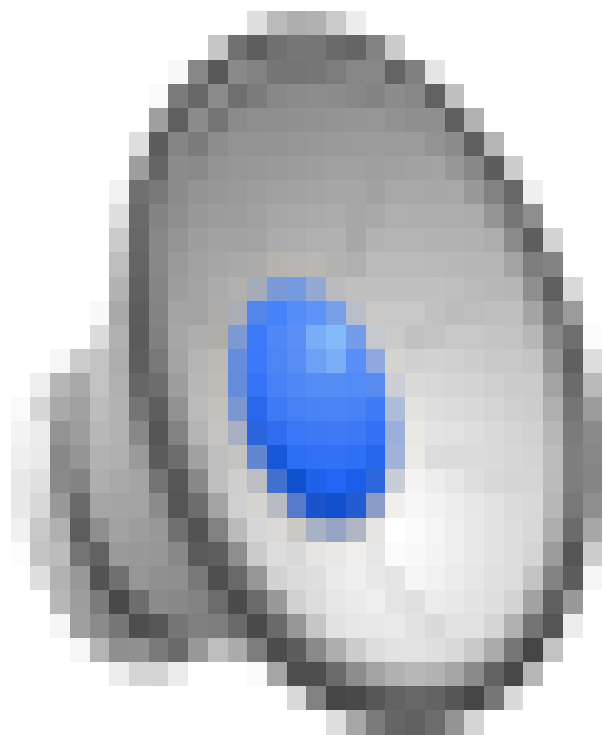
- "A human-centered society that balances economic advancement with the resolution of social problems by a system that highly integrates cyberspace and physical space."
- Society 5.0 was proposed in **the 5th Science and Technology Basic Plan** as a future society that Japan should aspire to.
- Source: http://www8.cao.go.jp/cstp/english/society5_0/index.html

Society 5.0



 UBER World's largest taxi company Owns NO 	 airbnb World's largest Accommodation provider Owns NO 	 skype WeChat World's largest Phone companies Owns NO 	 Alibaba Group World's most Valuable retailer Owns NO 
facebook. Most popular Media owner Owns NO 	 SocietyOne World's fastest Growing bank Owns NO 	NETFLIX World's largest movie house Owns NO 	 Apple Google World's largest Software vendors Owns NO 

Seven (7) of these companies did not exist twenty years ago



LEARN, RE-LEARN, UNLEARN

A researcher

CRITICAL THINKING

A thinker

CREATIVITY

An innovator

COMMUNICATING

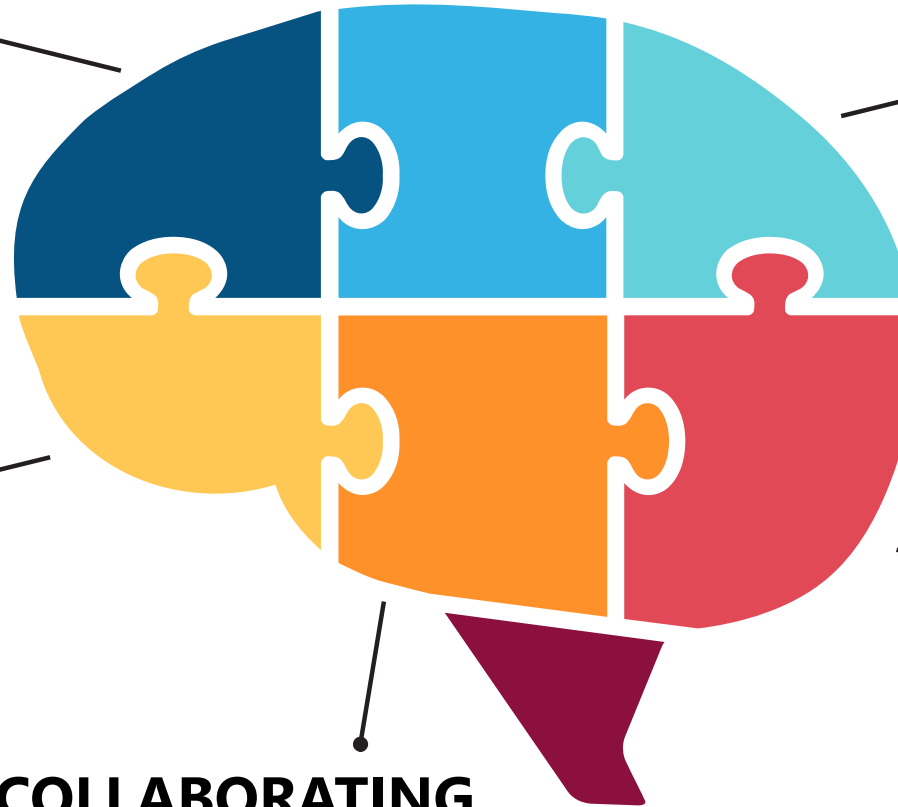
A co-participant

COLLABORATING

A team-player

PROBLEM-SOLVING

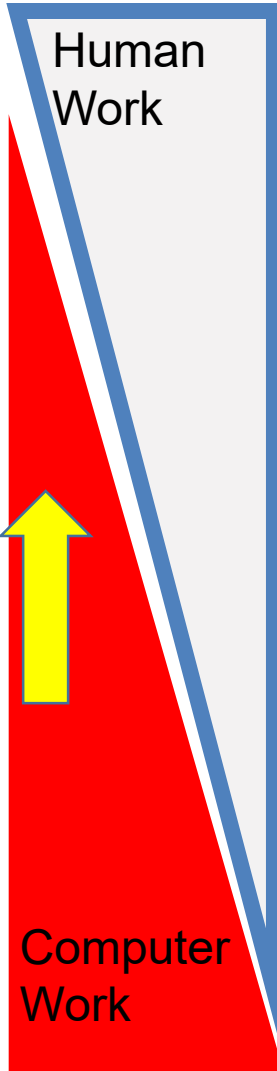
A contributor



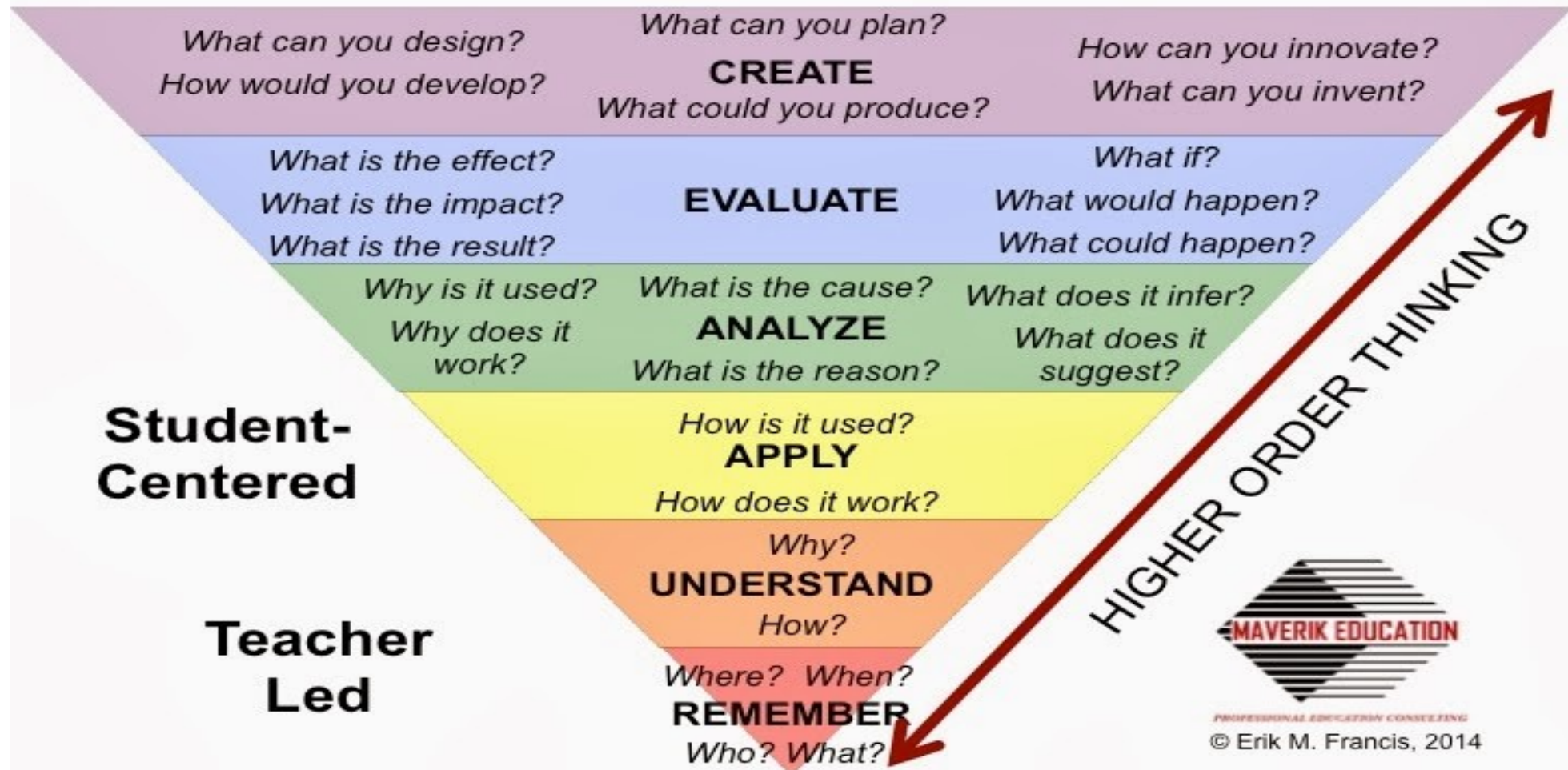
Higher Order Thinking



Skill rapidly acquired by smart machines/systems

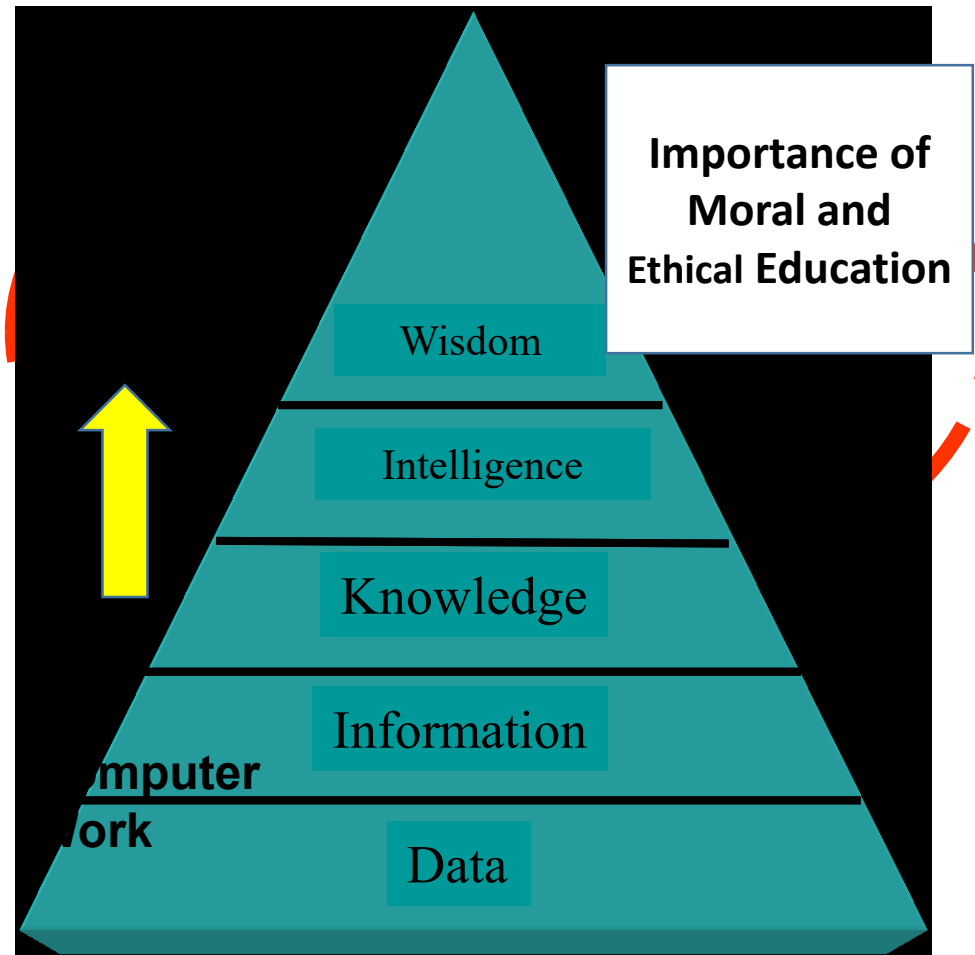


Higher Order Thinking (Bloom's Revised Taxonomy)



21st Century Attributes

Towards Knowledge Economy



21st Century Learning Framework – Student Outcomes

High Order Thinking and Multiple Intelligences

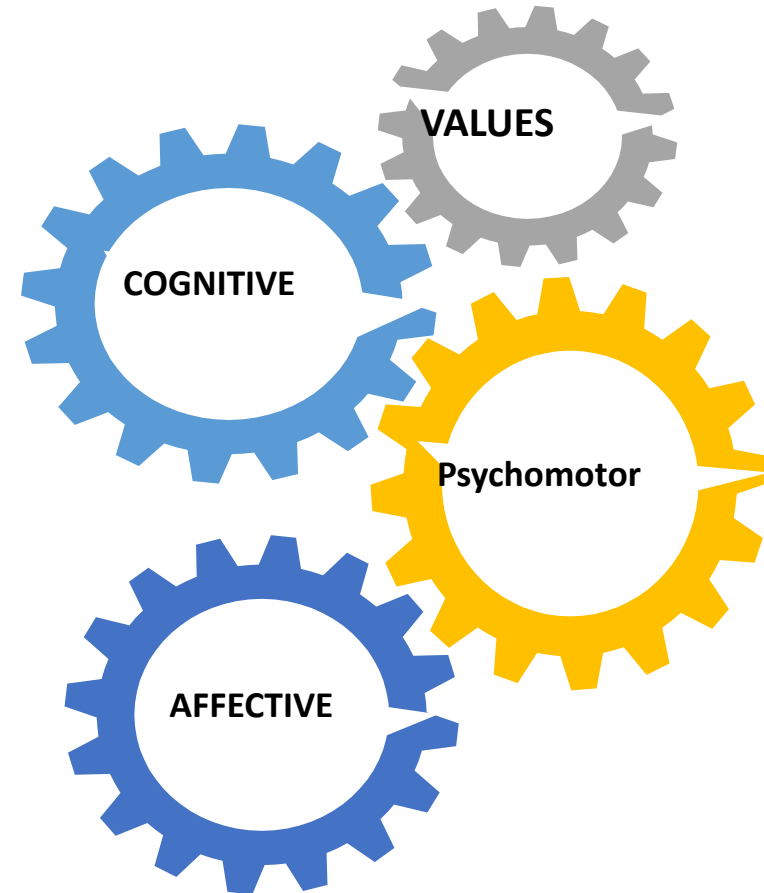
Learning and Innovation Skills
(4Cs: Critical Thinking, Communication, Collaboration and Creativity)

Content Knowledge and 21st Century Themes

Information, Media and Technology Skills

Life and Career Skills:

Balanced Development Needed



Skills demand comparison: 2018 vs. 2022 (trending) WEF, 2018

Today, 2018	Trending, 2022
1. Analytical thinking and innovation	1. Analytical thinking and innovation
2. Complex problem solving	2. Active learning and learning <u>strategies</u>
3. Critical thinking and analysis	3. Creativity, originality and initiative
4. Active learning and learning <u>strategies</u>	4. Technology design and <u>programming</u>
5. Creativity, originality and initiative	5. Critical thinking and analysis
6. Attention to detail, trustworthiness	6. Complex problem solving
7. Emotional intelligence	7. Leadership and social influence
8. Reasoning, problem solving and <u>ideation</u>	8. Emotional intelligence
9. Leadership and social influence	9. Reasoning, problem solving and <u>ideation</u>
10. Coordination and time <u>management</u>	10. Systems analysis and evaluation

SOTL & ESL INSTRUCTORS

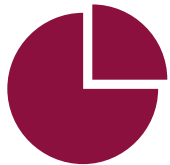
AS THE CATALYST FOR 21ST C HUMAN TALENT DEVELOPMENT

Scholarships of Teaching & Learning



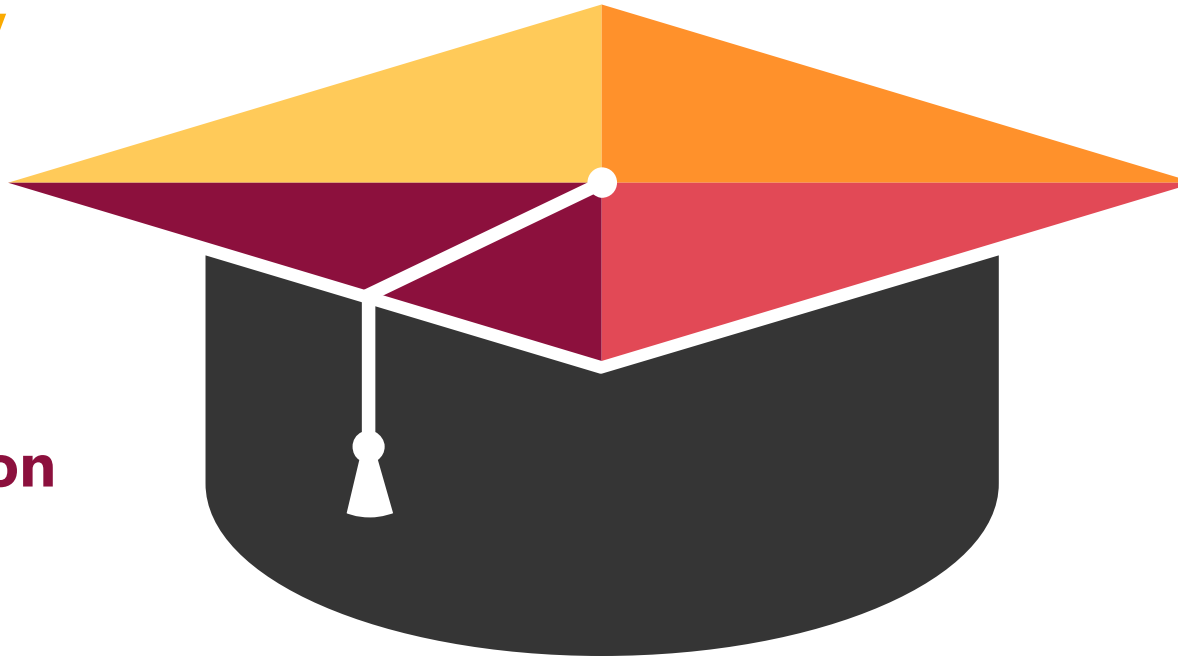
Discovery

The duties to seek for new knowledge/skills



Application

The duties to apply the knowledge/skills



Integration

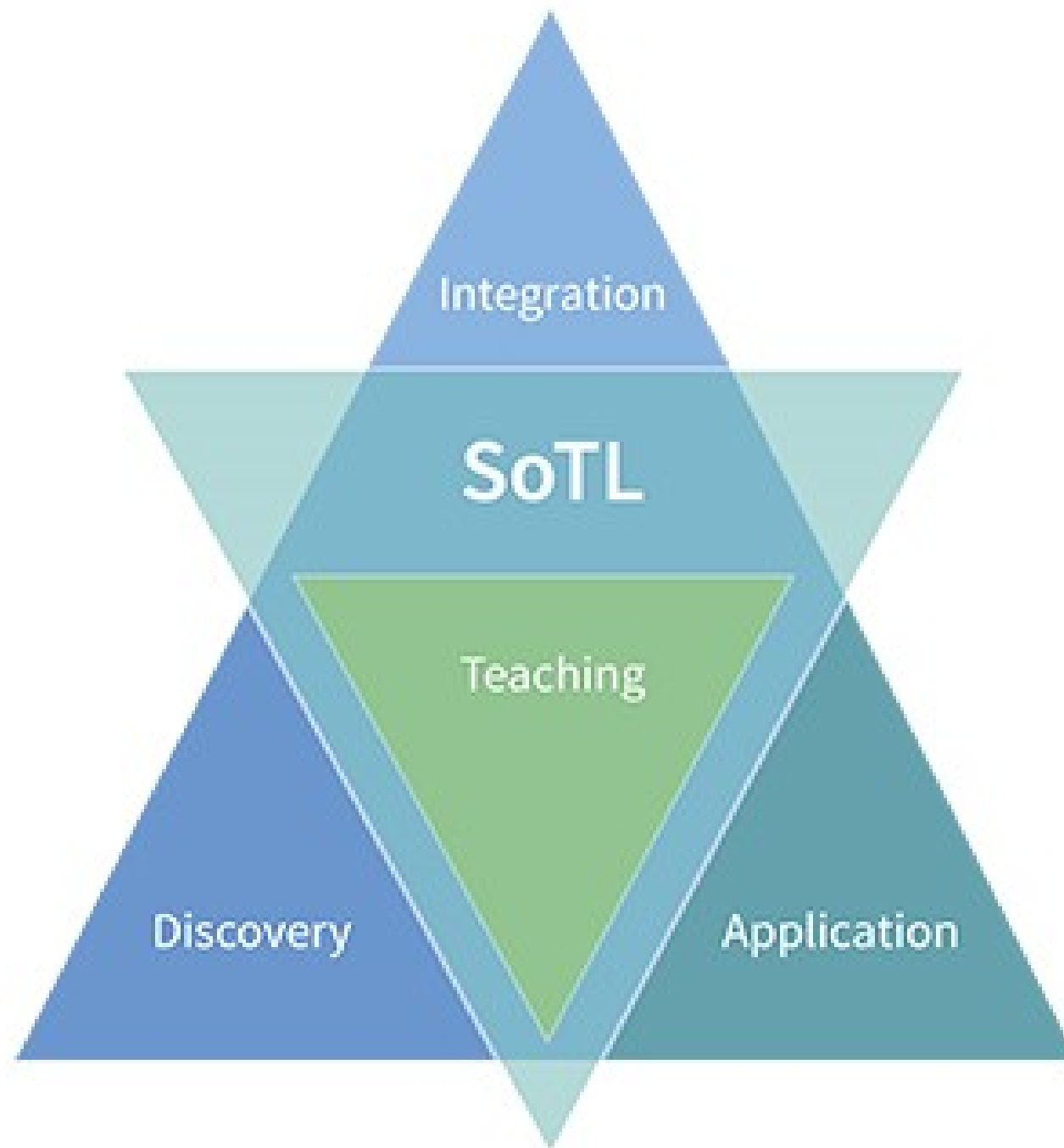
The duties to collaborate in sharing & exchanging knowledge/skills



Engagement

The duties to bring about societal/communal impact





Instructors' roles

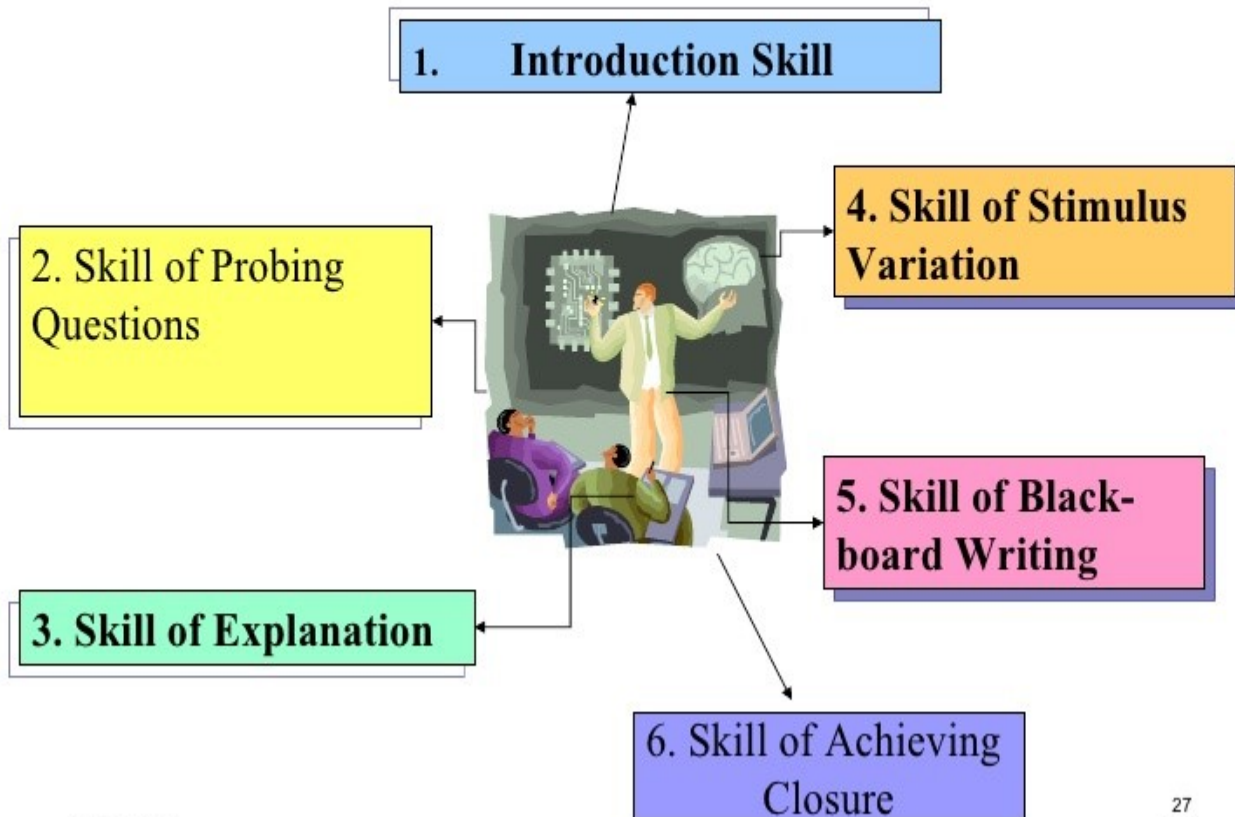


- Opening the lesson
- Introducing and explaining tasks
- Setting up learning arrangements (group work, pair work, whole-class learning)
- Checking students' understanding

Instructors' roles

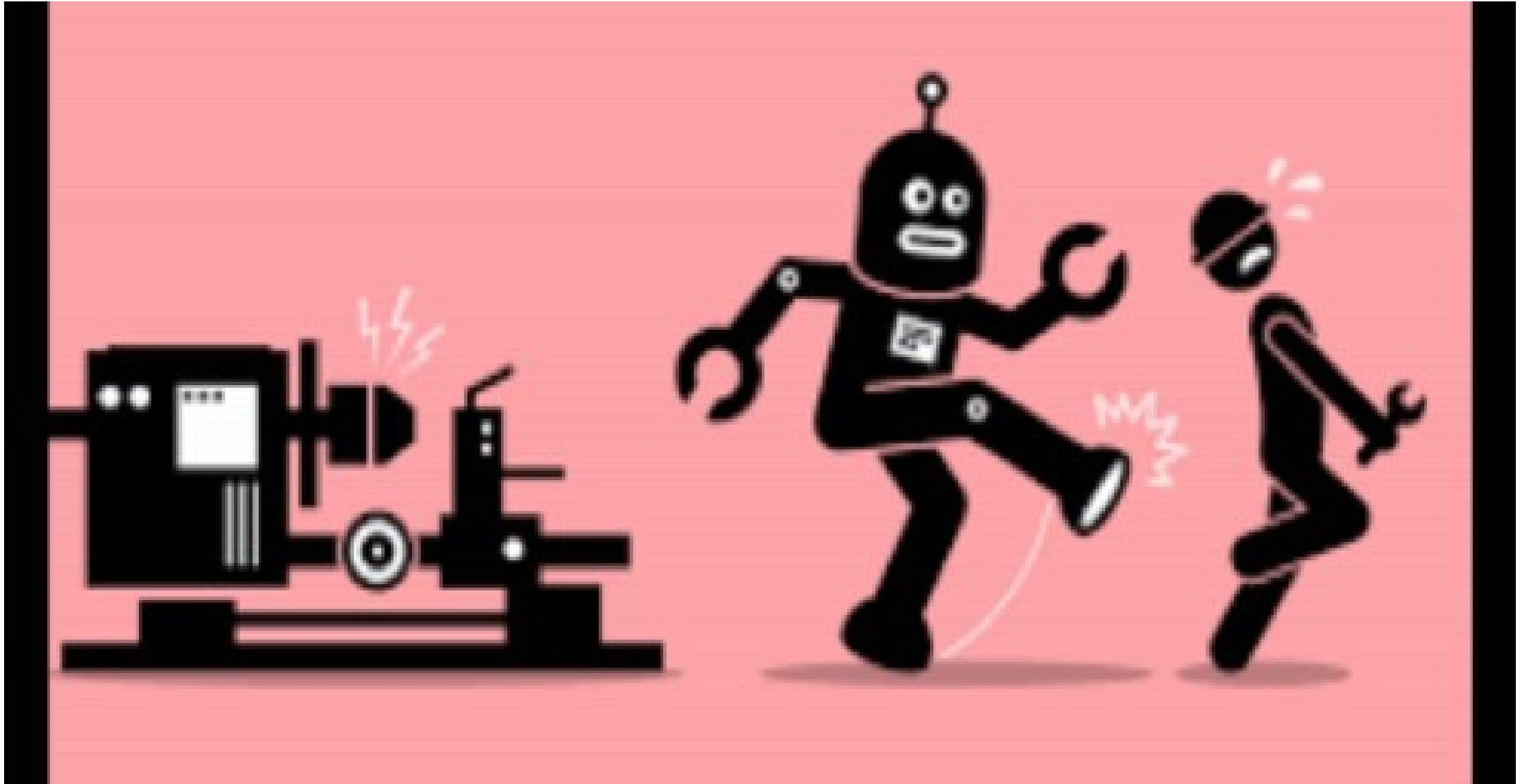


Skills of Micro Teaching



- Guiding student practice
- Monitoring students' progress
- Making transitions from one task to another
- Ending the lesson

HOW WILL ESL TEACHING BE AFFECTED?



So... IR4.0, Society 5.0, 21st century education
& us...?

Current Results

Where the
learners are.

Desired Results

Where they
need to be.



A SPEECH BY JACK MA



TEACHER 4.0: THE ROLE OF TEACHER IN EDUCATION 4.0

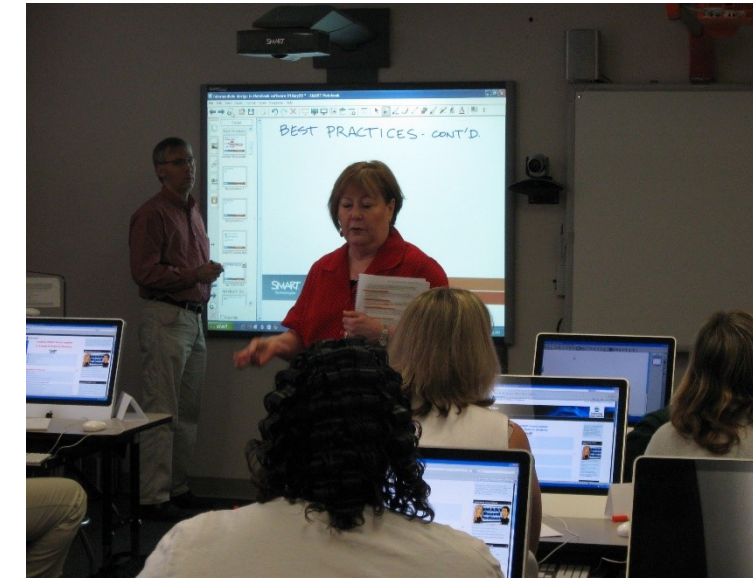
Prepare our students, providing them not only with the knowledge and understanding of the technologies, but also the skills to make the right career decisions and thrive at work.

Universities/Institutions have to prepare training and open the opportunities for teachers to get access to technology and to learn how to use and apply them in teaching

Two concerns that are being widely discussed internationally are the threats to our jobs from automation (digital disruptions) and the increasingly rapid rates that knowledge becomes obsolete.

Cope with the new requirements and make use of technology to allow students the freedom to discover solutions to problems both independently and collaboratively

Teachers won't be the only ones who know anymore but will be the ones who guide and coach students to deepen their ideas and to take actions



ESL INSTRUCTORS AS THE CATALYST OF HUMAN TALENTS



ESL is about
Communication



ESL is about
Collaboration



ESL is about
Problem-solving



ESL is about
Research



ESL is about
Teamwork



ESL is about
Production



1 STEP

Views on Language:
Halliday
Munby

2 STEP

Views on Teaching:
CLT

STEP 3

Views on Learning:
Kolb's EL
PBL

STEP 4

Views on Assessment:
Formative vs.
Summative

**SOME
COOL**

ESL INSTRUCTORS

ASSESSMENT

TEACHING

LEARNING

LANGUAGE

BOOKS INFOGRAPHIC



LISTENING ACTIVITIES

TPR, AL, CLT
Real contents



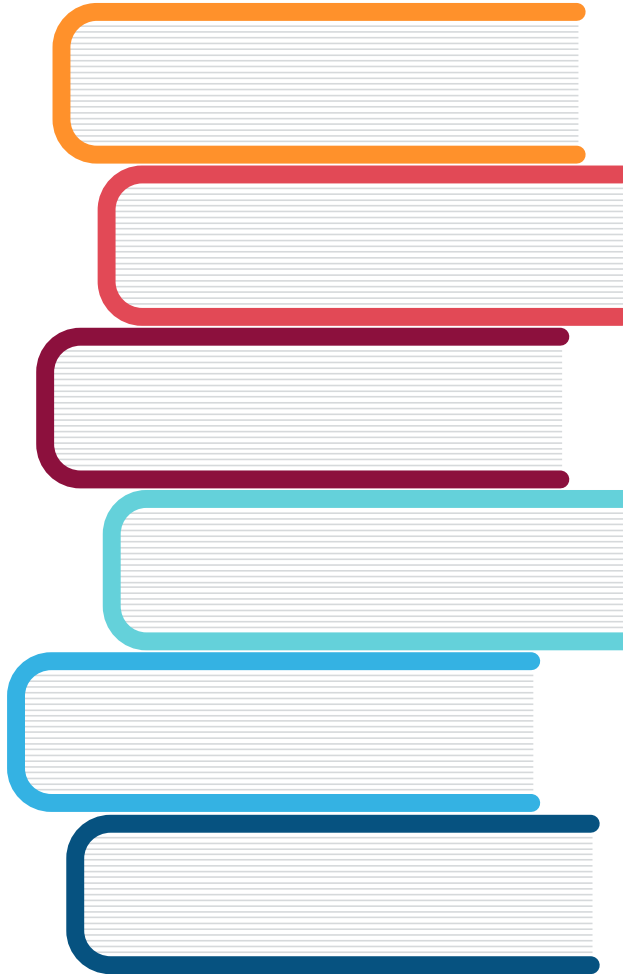
SPEAKING ACTIVITIES

Individual, pair, group
work
Real topics



READING

Silent, read-aloud,
passive, active reading
Real texts



WRITING

Product; process
approach
Real issues, facts,
opinions



LITERATURE

BIG L; small l



THINK

CCTS



SOTL

THE 4 SOTL

APPLICATION

Views on
Language:
Halliday &
Munby



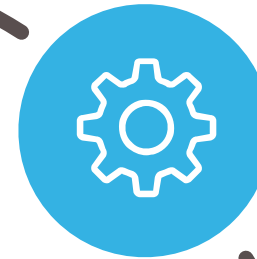
DISCOVERY

Views on
Learning:
Student-centred
learning via PBL



INTEGRATION

Views on
Teaching: CLT



ENGAGEMENT

Views on
Assessment:
Project-
based/Portfolios



MAPPING & PRACTICAL TAKE- AWAYS

EDUCATION TAKE-AWAYS

LEARN
21st Century, IR4.0,
Society 5.0

1

IDEA
SOTL of ESL
instructors

2

RESEARCH
Bridging ESL/EFL &
21st C skills

3



SUCCESS
Relate ESL/EFL with
21st C skills

6

BUSINESS
Business unusual?
Has always been...

5

PROJECT
ESL/EFL class as a
whole is one big
project!

4

MAPPING

SOTL	ESL APPROACHES	21 st C SKILLS
DISCOVERY	Teaching the receptive skills	Critical Thinking
APPLICATION	Teaching the productive skills	Creative Thinking
INTEGRATION	Scaffolding, MKO, group work	Communication
ENGAGEMENT	Spiral curriculum (wide-across syllabus)	Collaboration Values



SKILLS STUDENTS WILL ALWAYS NEED



Curiosity &
Imagination



Initiative &
Entrepreneurship



Agility &
Adaptability



Critical Thinking &
Problem Solving



Effective Oral
& Written
Communication



Collaboration Across
Networks & Leading
by Influence



Accessing &
Analyzing
Information

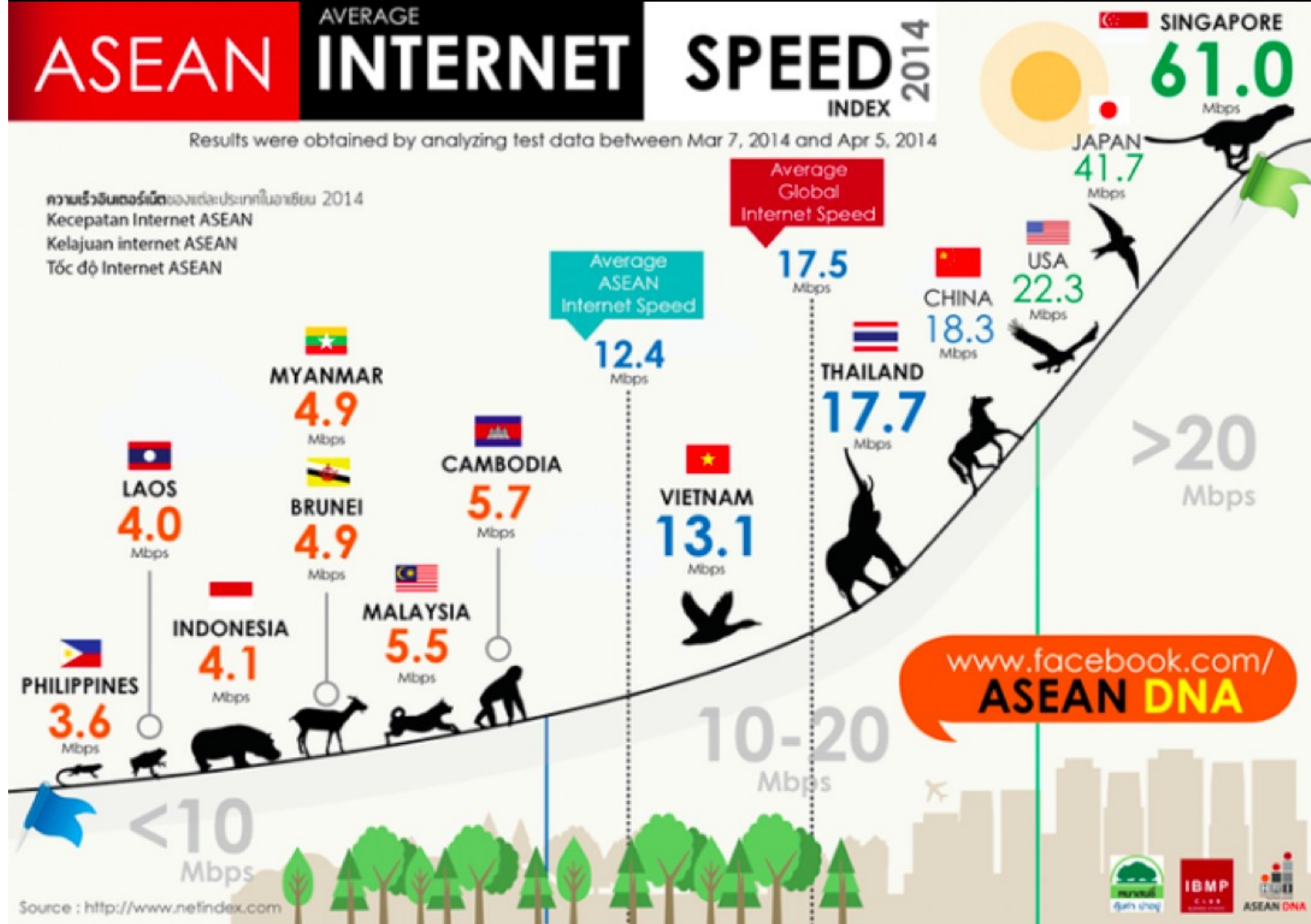
ASEAN

AVERAGE INTERNET

SPEED INDEX 2014

Results were obtained by analyzing test data between Mar 7, 2014 and Apr 5, 2014

ความเร็วอินเทอร์เน็ตของประเทศไทยปี 2014
Kecepatan Internet ASEAN
Kelajuan internet ASEAN
Tốc độ Internet ASEAN



Jack Ma's LQ – Love Quotient



“If you want to be successful, you should have Emotional Quotient (EQ) and Intelligence Quotient (IQ), **but if you want to be respected, if you want to survive the next 30 years, you should teach our kids the “Q” of love, of care for others. This is love quotient**”.

Ultimately, **technology is a tool.**

People come first.

Its purpose should be **centered on humanity** and **public interest.**

Where **tolerance, respect, care** and **compassion** come into play.

Eventually it boils down to **culture** and **values.**

With the 4IR ushering a **new cultural renaissance.**
It'll need a **collective wisdom.**

BRAINSTORMING

AMAZING IDEA



AWESOME IDEA



COOL IDEA



I'm an
**ENGLISH
TEACHER**
just like a
NORMAL TEACHER
except
MUCH COOLER
Shireena



OK, TIME TO WAKE UP....



TQ



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**SCAN HERE FOR
THE COPY OF THIS
POWERPOINT**

