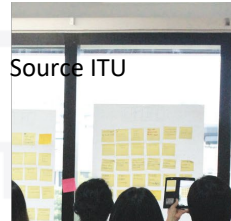
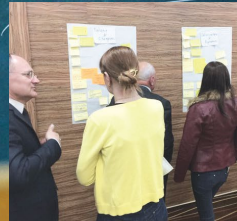


# New trends in online training



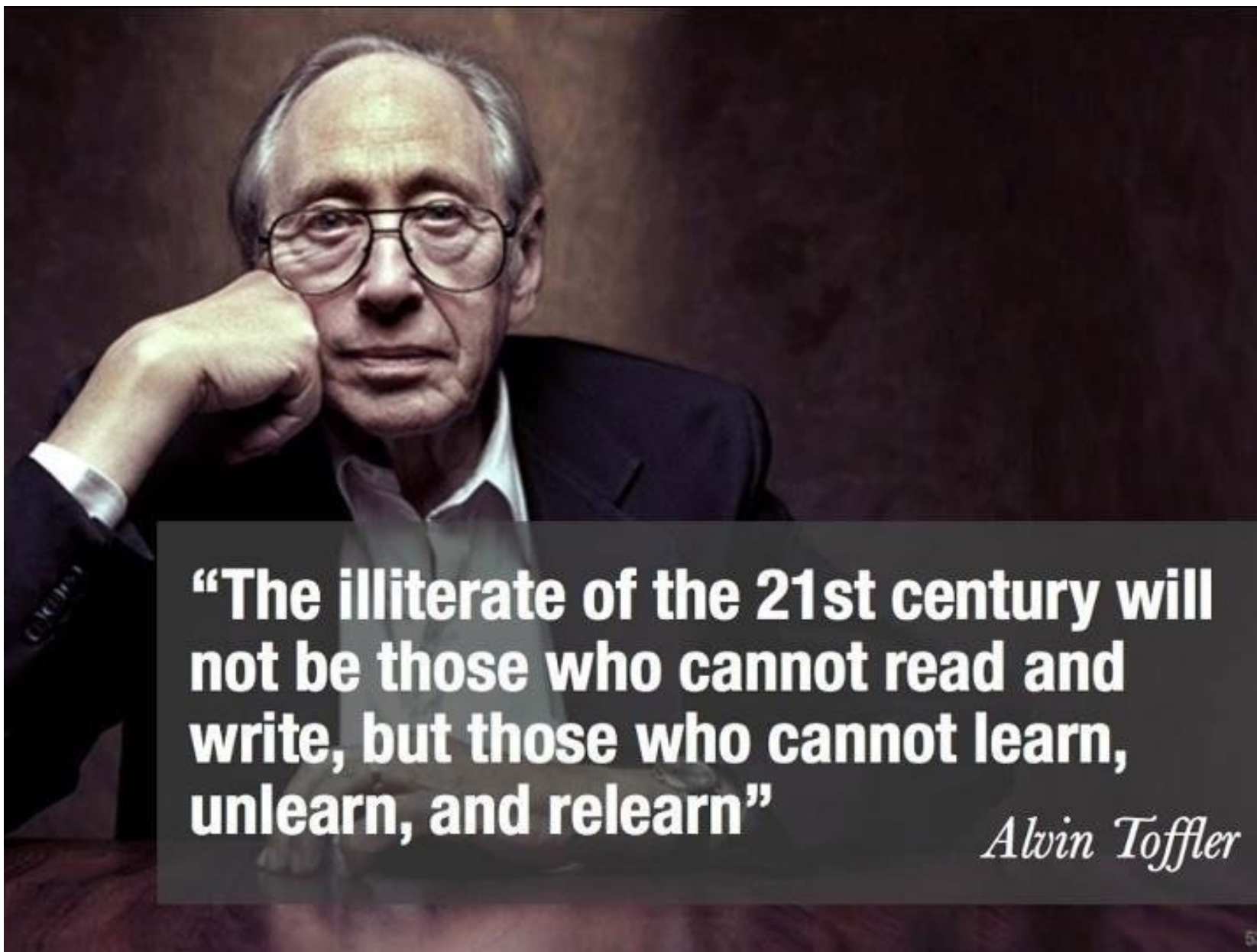
Courtesy unsplash



## A personal experience

**Mohamed Ba**

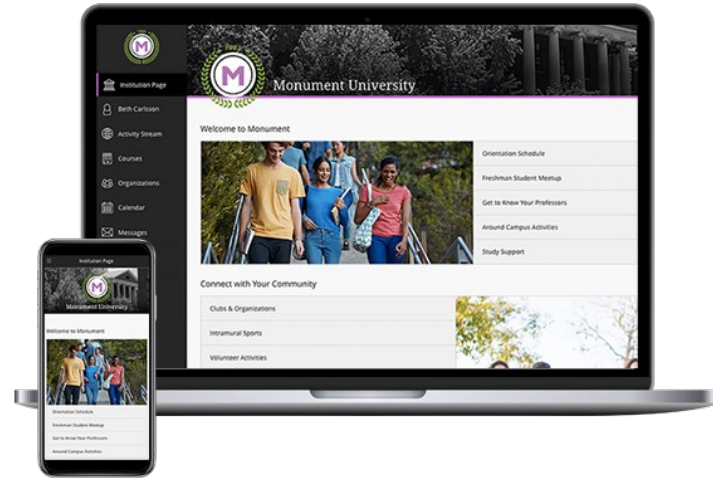
Senior Coordinator, Digital  
Innovation ecosystem, BDT,  
ITU



**“The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn”**

*Alvin Toffler*

# The world has been changing



Take great courses from  
the world's best universities

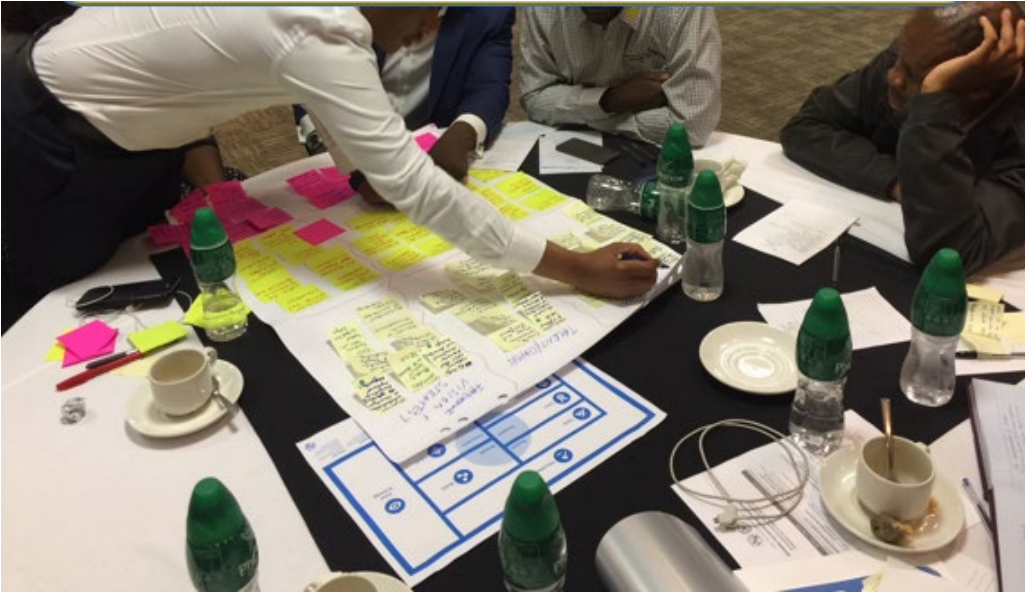
Find a Course & Start Learning



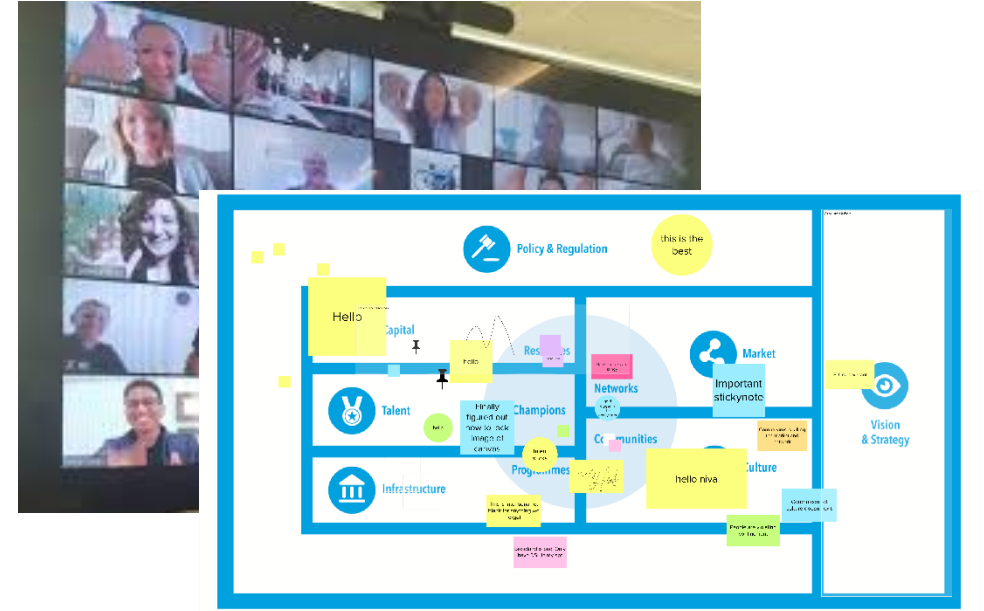
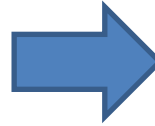
**coursera**  
education for everyone



# This is accelerating with Covid-19



Physical course



Virtual course with Zoom and Mural



# These trends are changing online learning

Micro learning

Science of  
teaching and  
learning

Immersive  
content (AR/VR)  
and online  
science labs

Video based  
learning

Technology  
powered  
learning support  
(AI, chatbot)

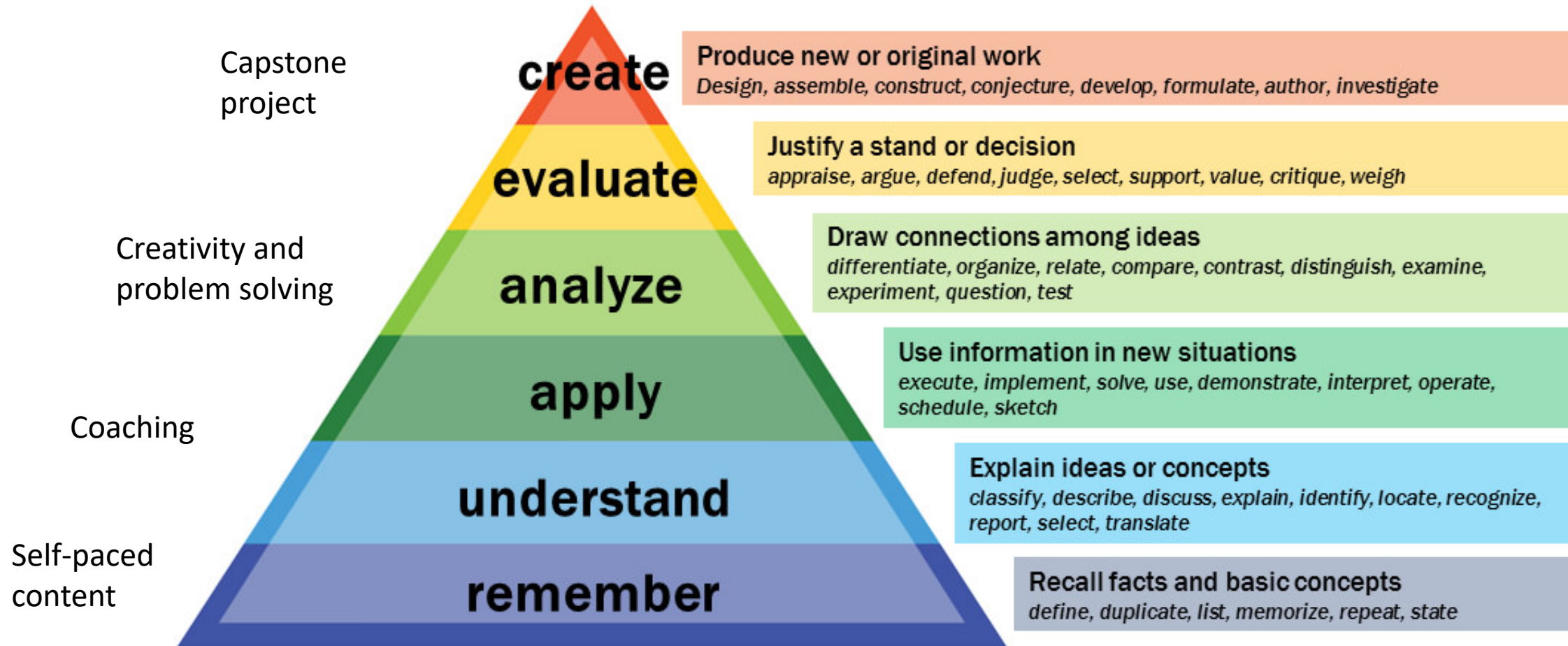
Personalized  
learning – Holy  
grail

Creative thinking  
vs. problem  
solving

Learner generated content and  
communities

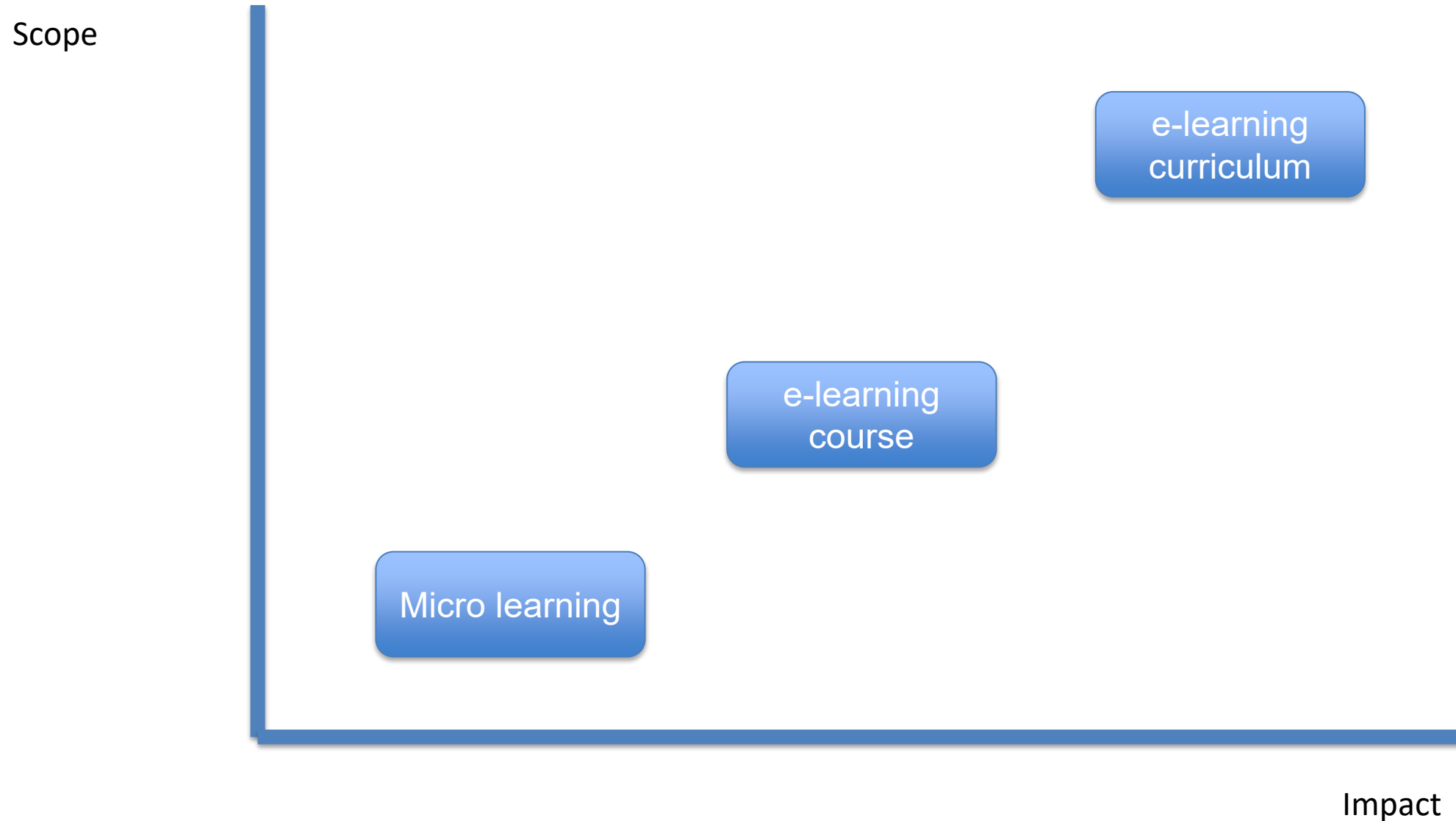
# The science of learning meets technology

## Bloom's Taxonomy

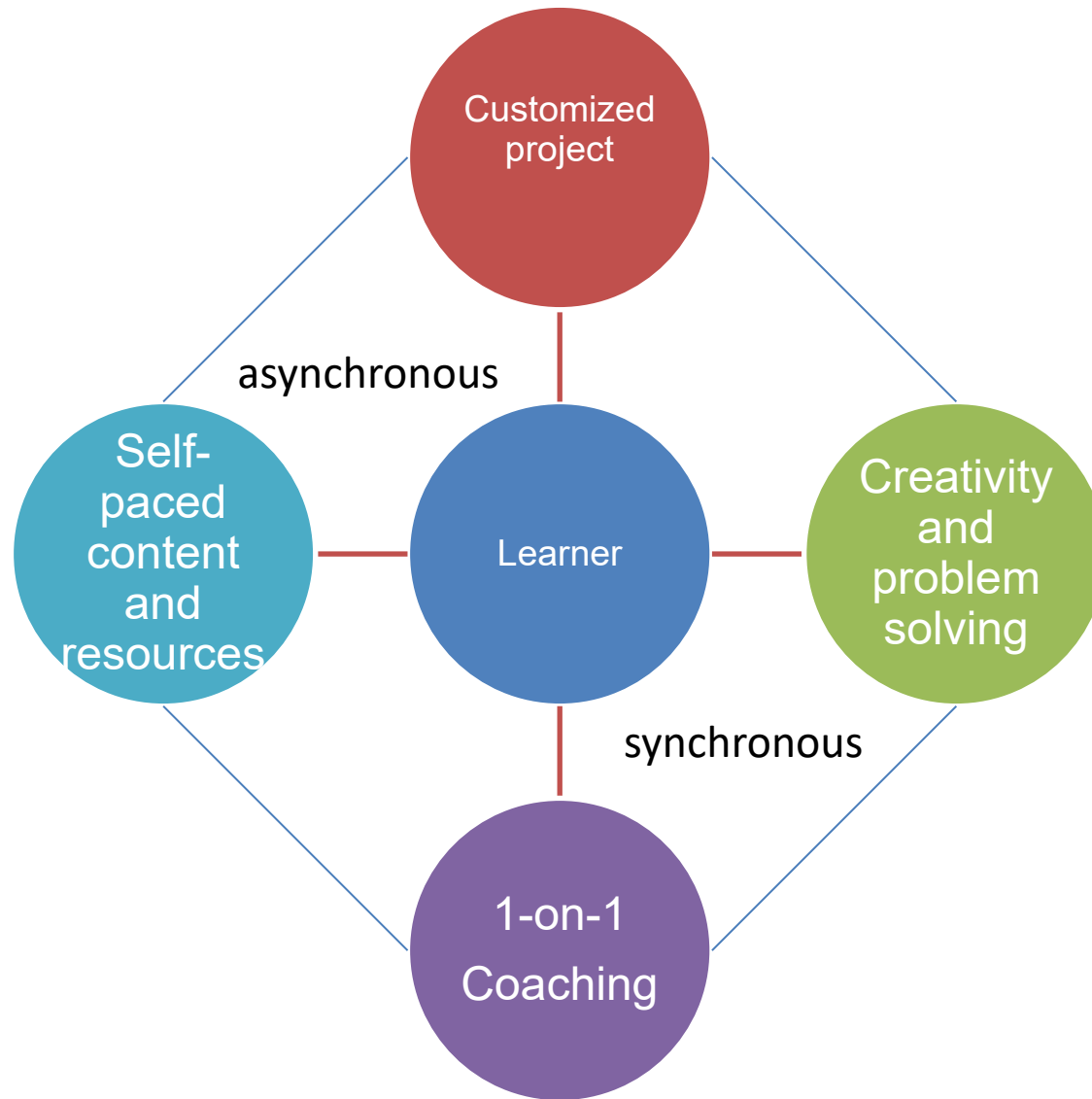


Vanderbilt University Center for Teaching

# Time is a premium in our online world - unbundle



# Reinforce all links – learner/content/teacher



Ecosystem 102- an ITU academy example

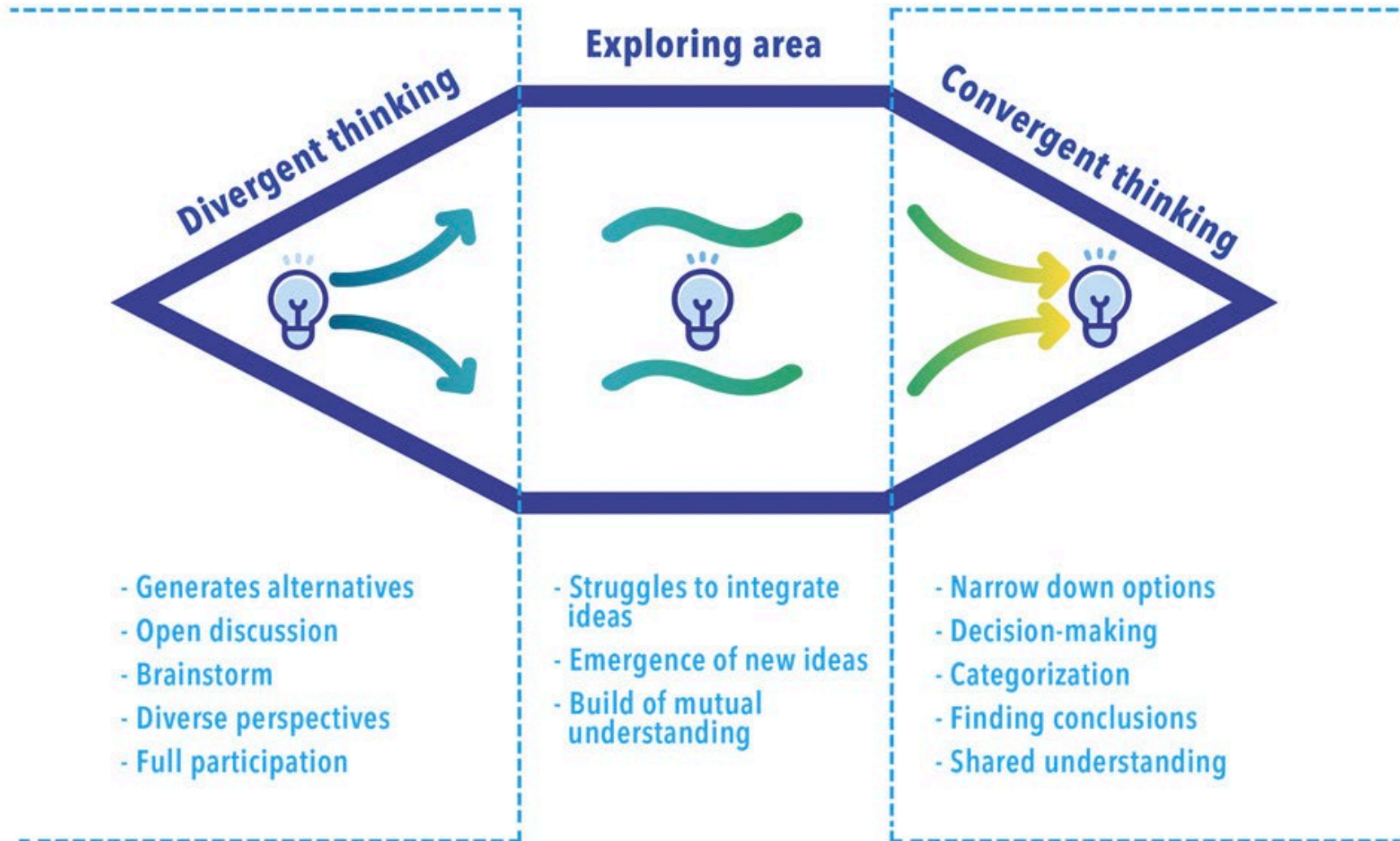
- Forum
- Knowledge checks
- Quizzes
- Homework
- Exam
- Capstone project
- Community



# Pick tools that provide a good learning experience

Consideration	Why	What
Real Time Communication	See everyone's smile and hear everyone's voice when you meet.	Zoom, skype
Asynchronous communication	Create a community before you meet and stay connected between sessions.	ITU academy Moodle platform forums
Share Content	Establish the location where videos, PDFs, and other necessary files are stored.	ITU academy, google drive, Youtube, MOOCs partners
Stay organized	Track resources, events, and assignments to keep the team aligned.	Trello , ITU academy Moodle platform
Think Visually	Collaborate, brainstorm, share artifacts and interact like you're in the same room.	Mural, Miro
Engage right audience	To have meaningful outcome	Social media push, website, ITU academy push, gamification
Network and connect	To create a global communities of champion	Global blended event- virtual and physical, etc.
Online content creation	To create interactive online content that stimulate the learner	Articulate storyline 360

# Inject creativity – not problem solving alone



# Think Platform and architecture

Communities



Entrepreneurs



Association, incubators, accelerators



Policymakers



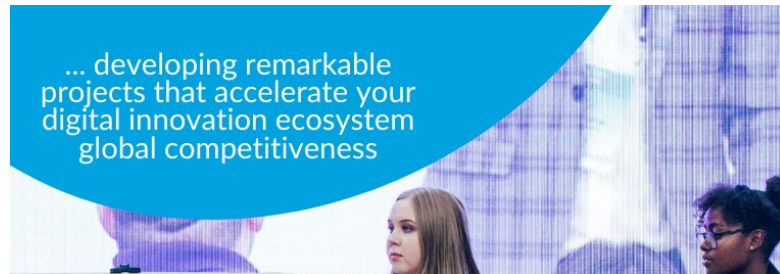
Academics

Access

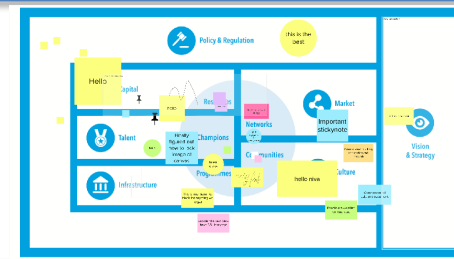
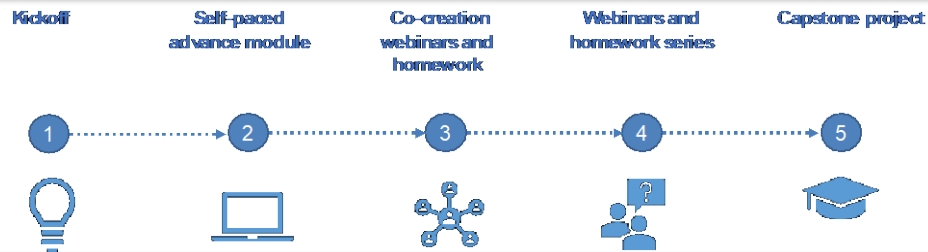


**ITU Academy**  
Empowering minds

Services



Tools/  
workflow



Data



Ecosystem Strategies  
and roadmap



# Take 6 Steps To Boost Your Capacity Building Online

☐ **Think Brand  
and Glocal**

Most of world knowledge is available free, brand and services makes the difference

☐ **Think  
Platform**

Platforms provide an architecture that ensures all your products and services work together, and your value chain is coordinated

☐ **Think  
communities**

Communities have a purpose and need. Members can be creators as well as consumers of your content

☐ **Think  
enablers**

Embrace technology, creativity and a scientific approach to online teaching

☐ **Think  
outcome**

Don't stop at the teaching, build outcome and success stories

☐ **Think  
Partnership**

Partnership is needed to secure strength and competitiveness of your value chain



Research is the transformation  
of money into knowledge.

Innovation is the transformation  
of knowledge into money.

—*Dr. Geoffrey Nicholson, 3M*  
(inventor of the Post-it note)

Any questions?

***For more information***

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