



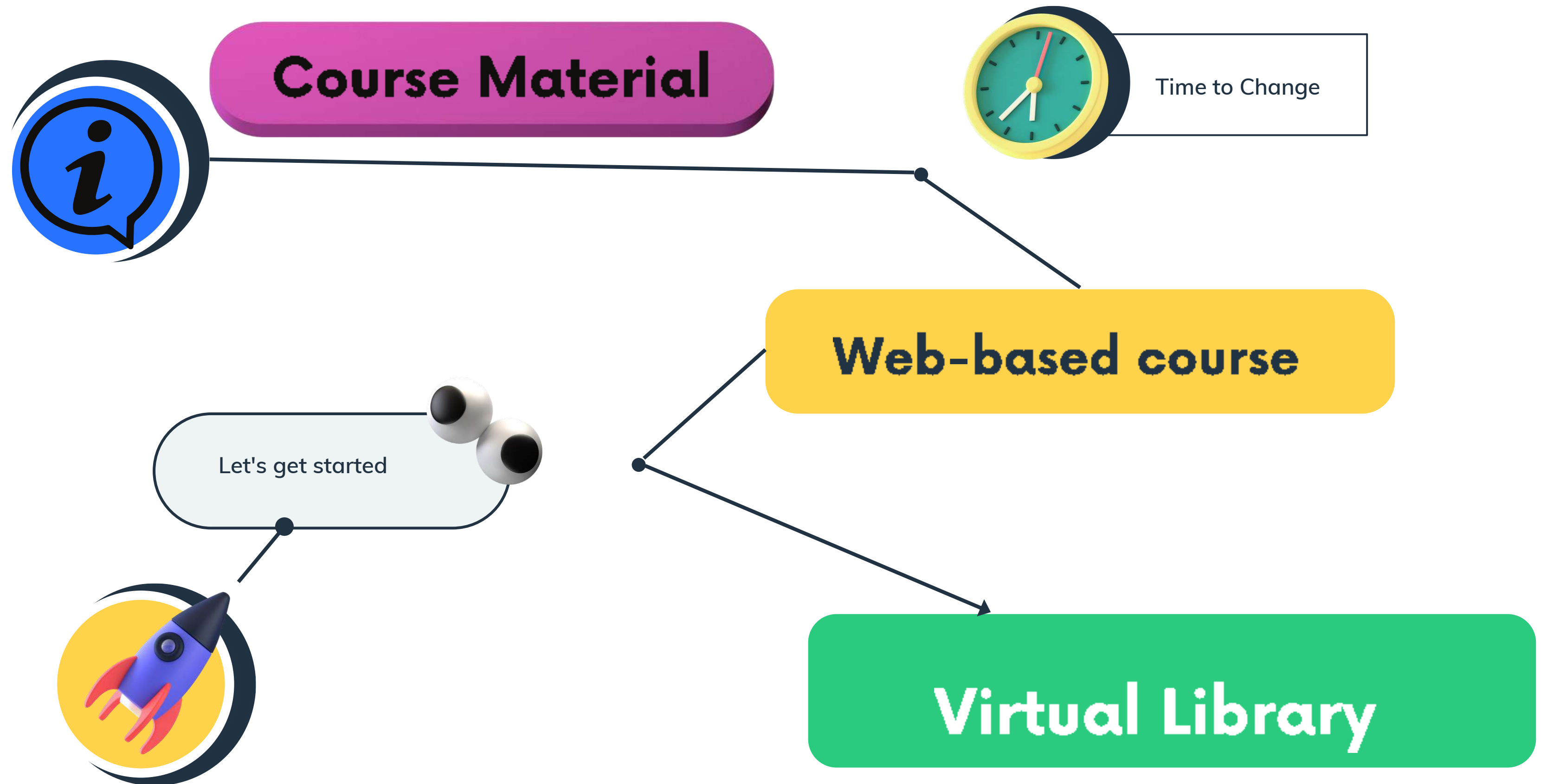
Cloud-based Virtual Library of the digital educational resources.

M.Sc. Burul Shambetova

Ala-Too International University
Faculty of Engineering & Informatics



Road Map





WHEN REPRESENTATIVES OF GENERATION Z



ENTER THE UNIVERSITY



**WITH A SMARTPHONE IN THEIR POCKET
AND A TABLET UNDER THEIR ARM**



AND SEE SOMETHING LIKE THIS



**THEY WILL ASK
THEMSELVES:**

WHERE AM I



**THEY WILL
TURN
AROUND
AND
GO BACK
TO THEIR
DIGITAL
WORLD.**



THEREFORE: IT IS TIME TO ADAPT
THE EDUCATION SYSTEM
TO THE DIGITAL GENERATION.





HOW?

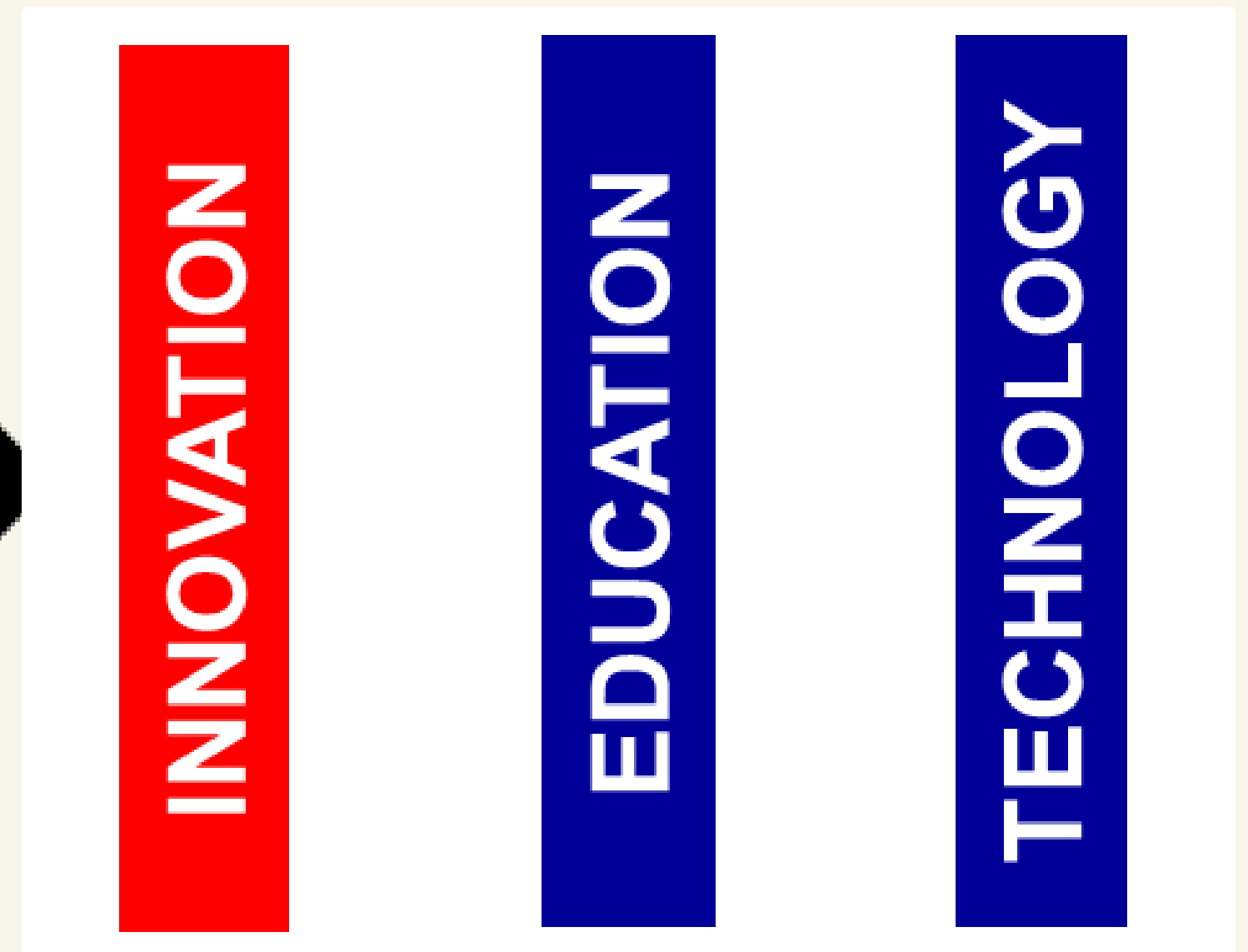
**WITH THE ACTIVE AND EFFECTIVE
USE OF INNOVATIVE
EDUCATIONAL TECHNOLOGIES
AND DIDACTIC MODEL.**



PROBABLY SOMEONE WILL ASK:
WHICH EDUCATIONAL TECHNOLOGIES ARE
INNOVATIVE



**INNOVATIVE ARE
THESE EDUCATIONAL TECHNOLOGIES,
WHICH ARE BASED ON THE NEWEST ICT
AND WHOSE APPLICATION LEADS TO ADAPTING
THE EDUCATION SYSTEM TO THE DIGITAL GENERATION.**



Innovative Educational Technology and Educational Infrastructure at MIT

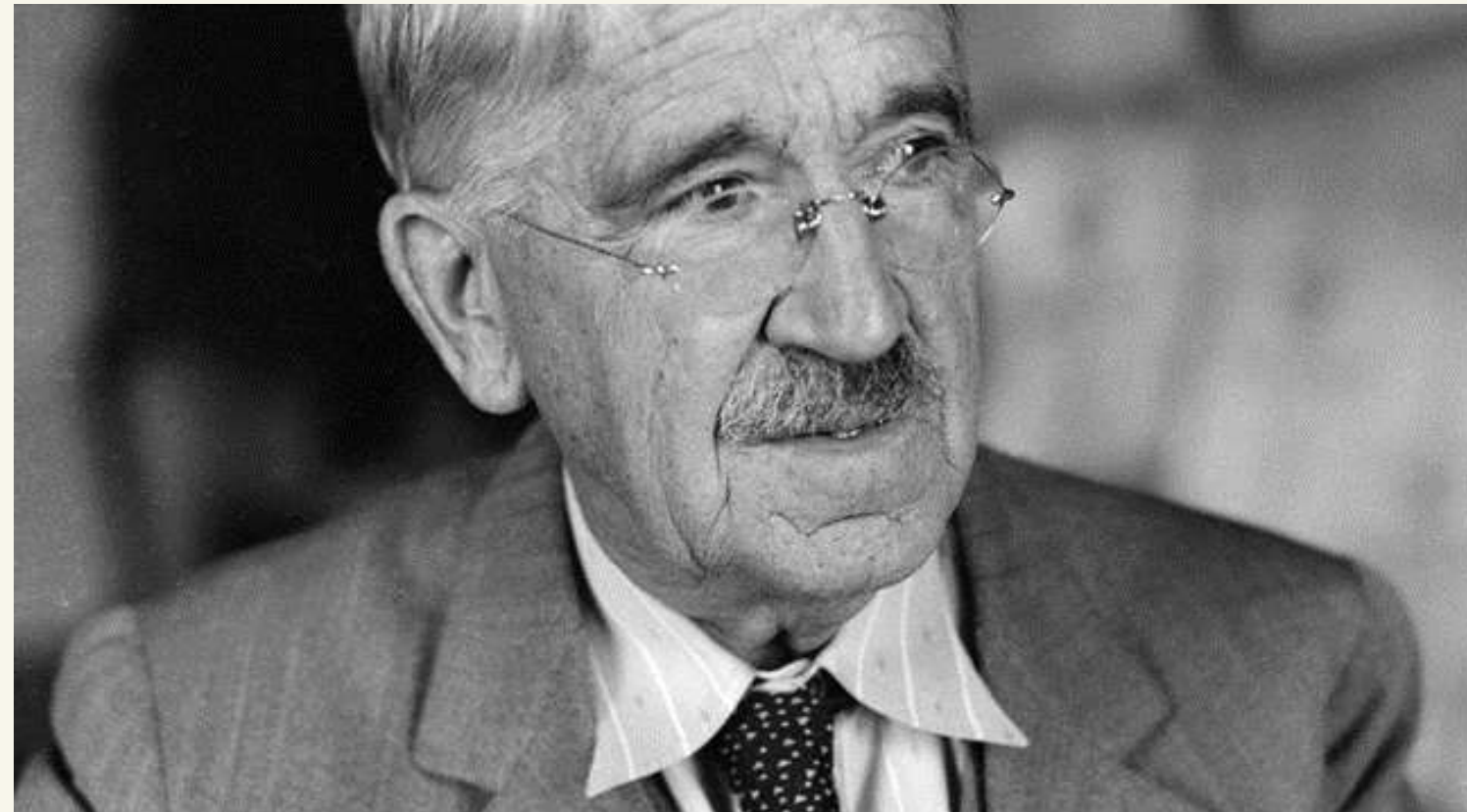
October 15, 2014



ДЖОН ДЬЮИ
Философ и реформатор образования
1859-1952
“Если мы будем учить студентов сегодня так же,
как учили вчера,
то мы украдем у них завтра.”

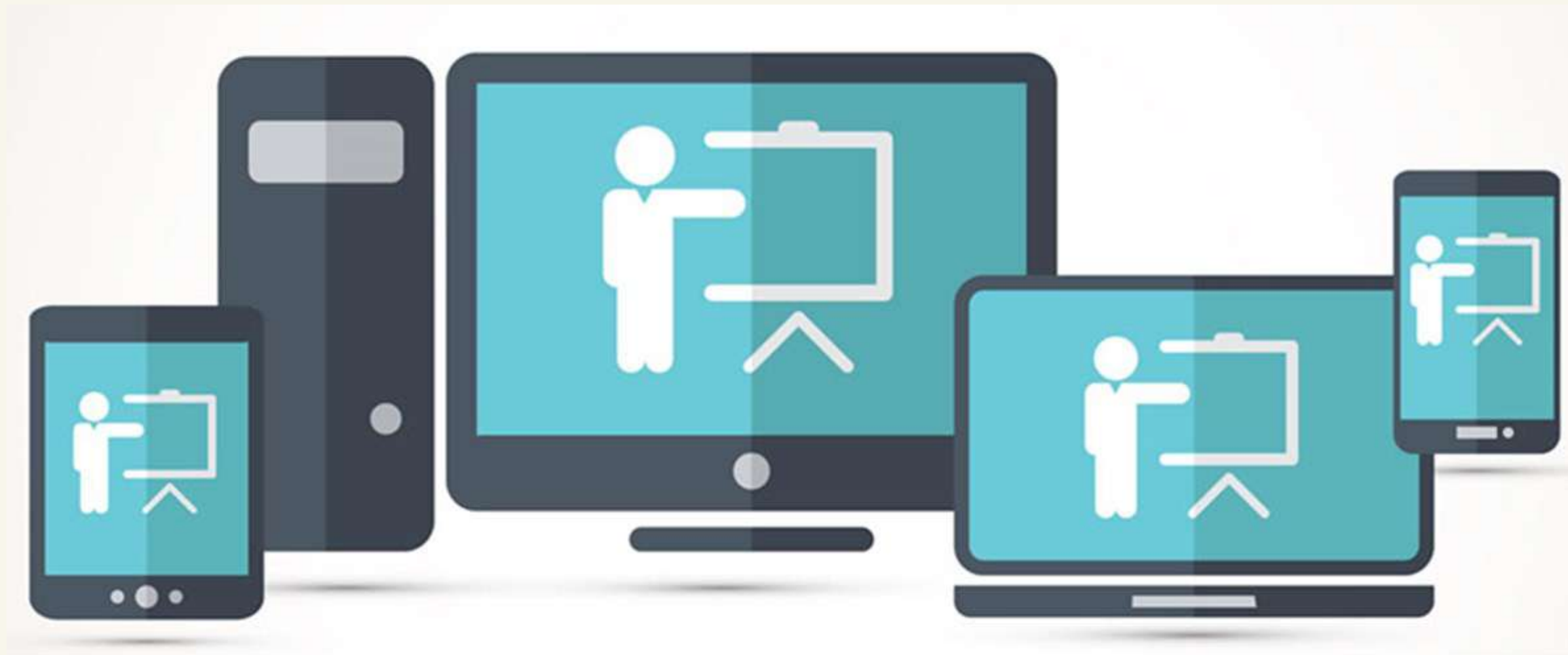
JOHN DEWEY

Philosopher and educational reformer
1859-1952



**“If we teach students today the same way,
as taught yesterday
then we will steal from them tomorrow.”**

WHAT IS THE STARTING POINT OF THE DIGITAL TRANSFORMATION OF EDUCATION?



“BRUSHING AWAY” ALL BLACKBOARDS



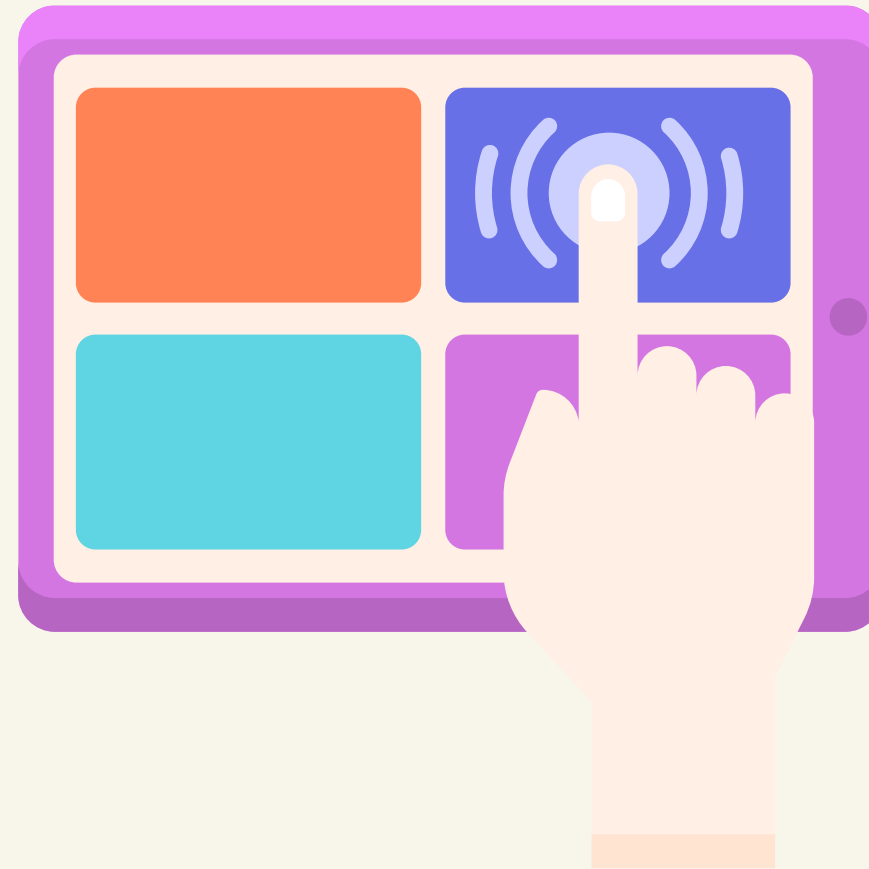
AND REPLACING THEM WITH WHITEBOARDS OR MONITORS.



MAKE



**WEB-
BASED**

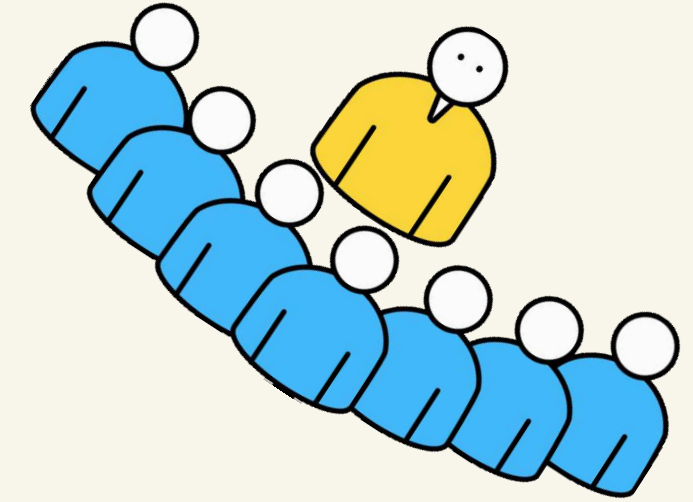
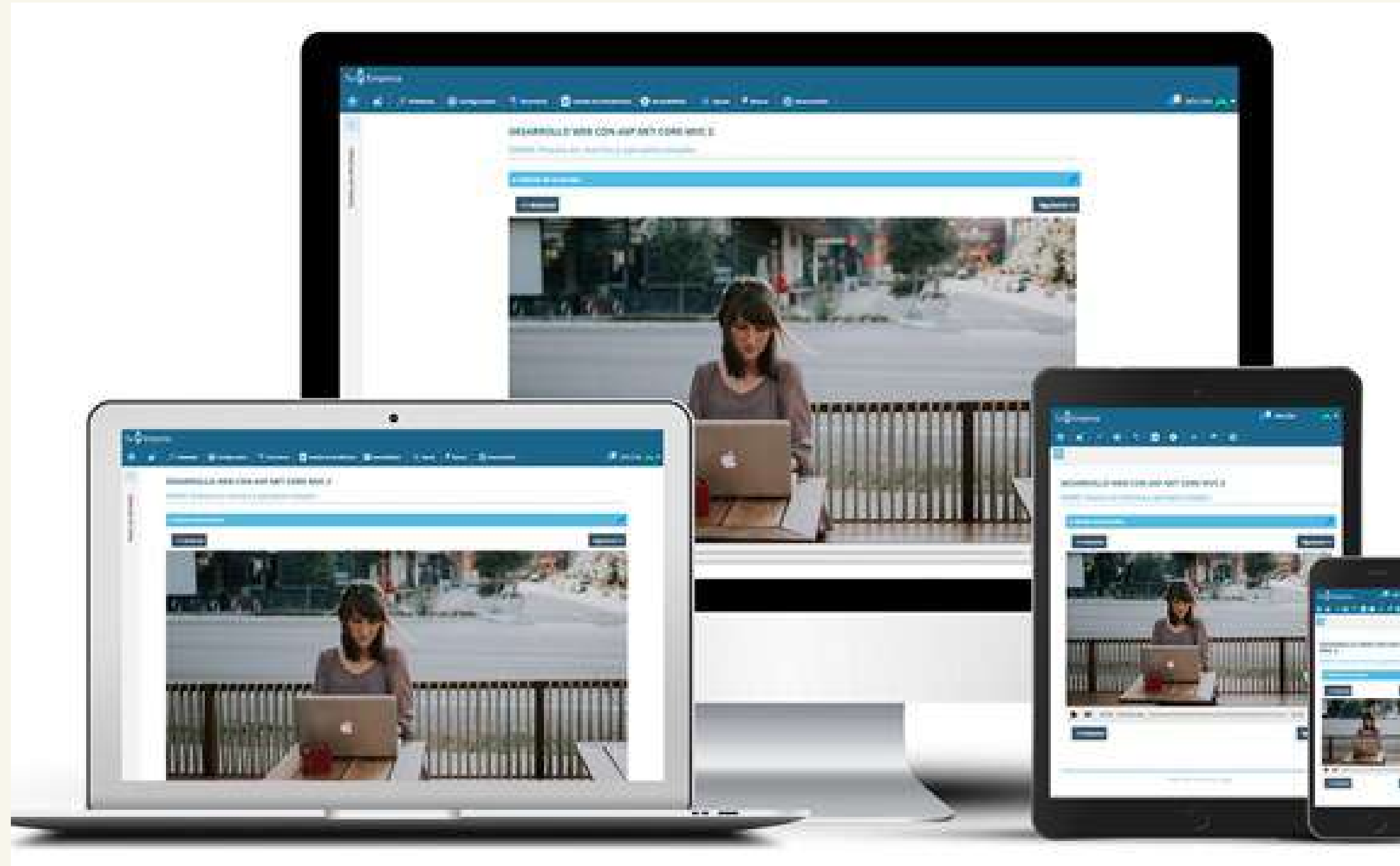


INTERACTIVE



MULTIMEDIA

**presentations of the
lessons/lectures**

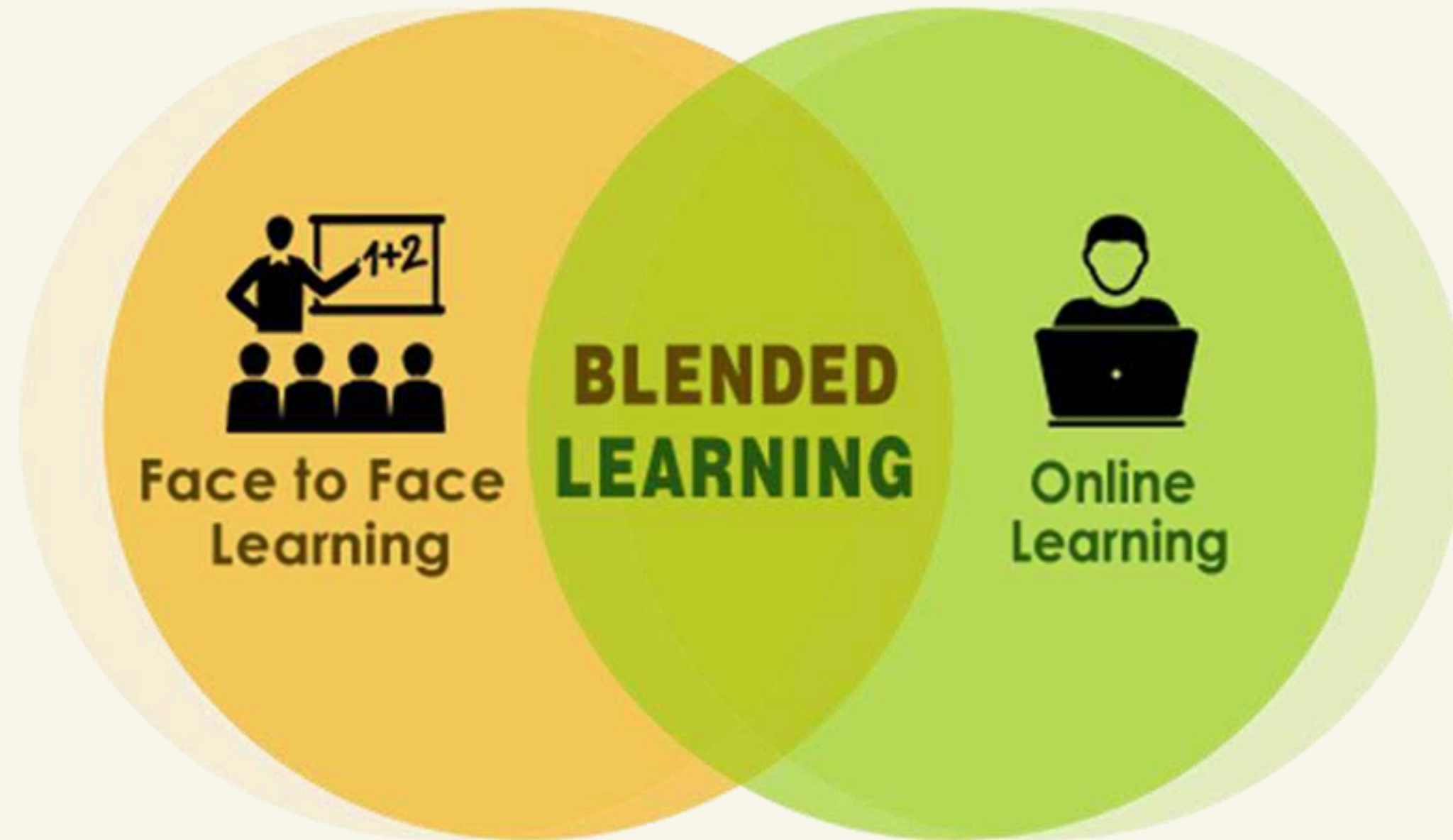


- **use video conferencing systems;**
- **use virtual classrooms;**



- **create and publish online interactive multimedia coursebooks and/or training materials**
- **record and publish online video-based lessons / lectures;**
- **use cloud technologies**





**combine the traditional and technology-based
education**

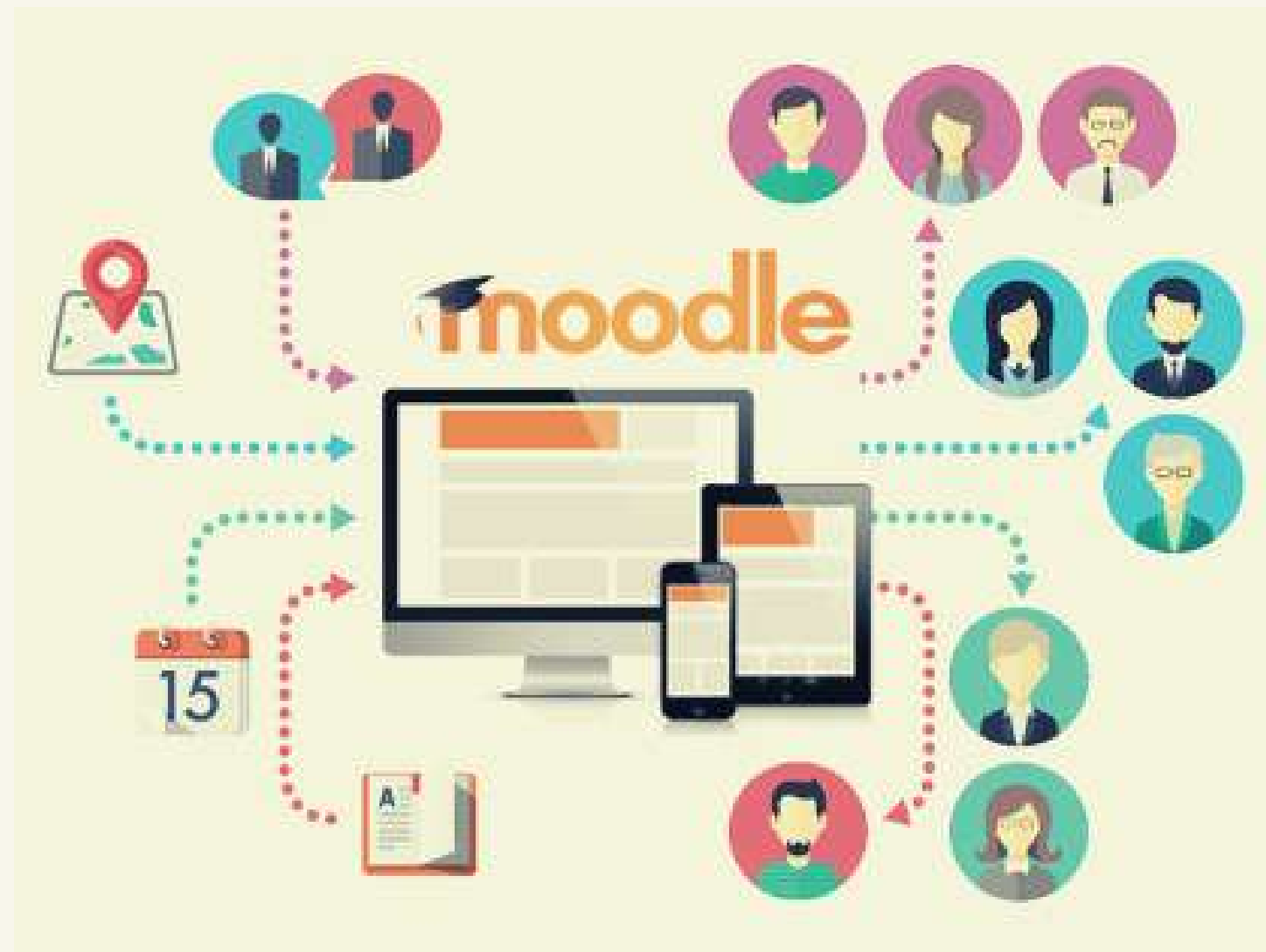
Cloud-based Virtual Library, WHAT IS THIS?



Collection of web-based courses



Why VIRTUAL LIBRARY?





ANY TIME





ANY PLACE



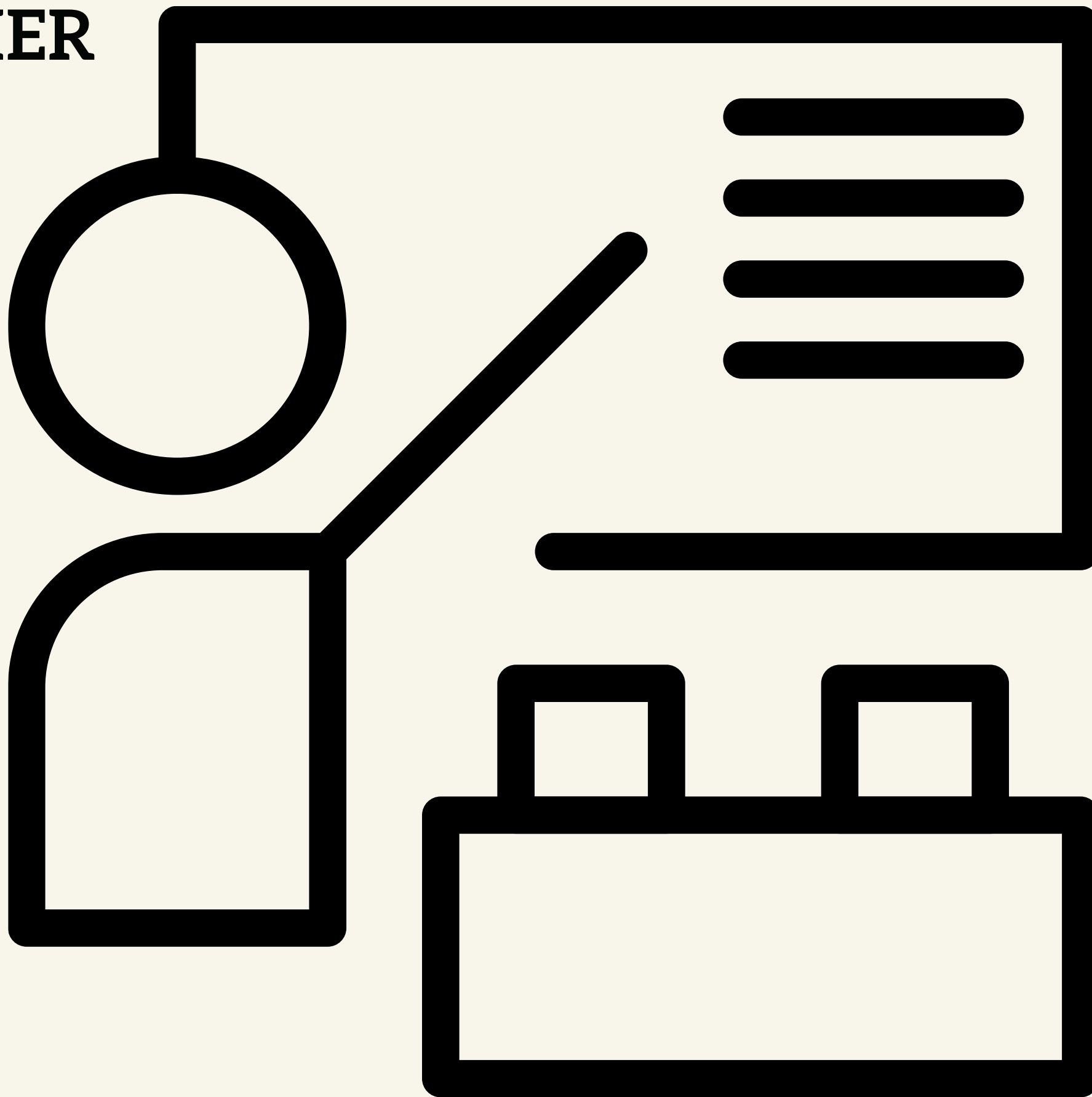


ANY DEVICE

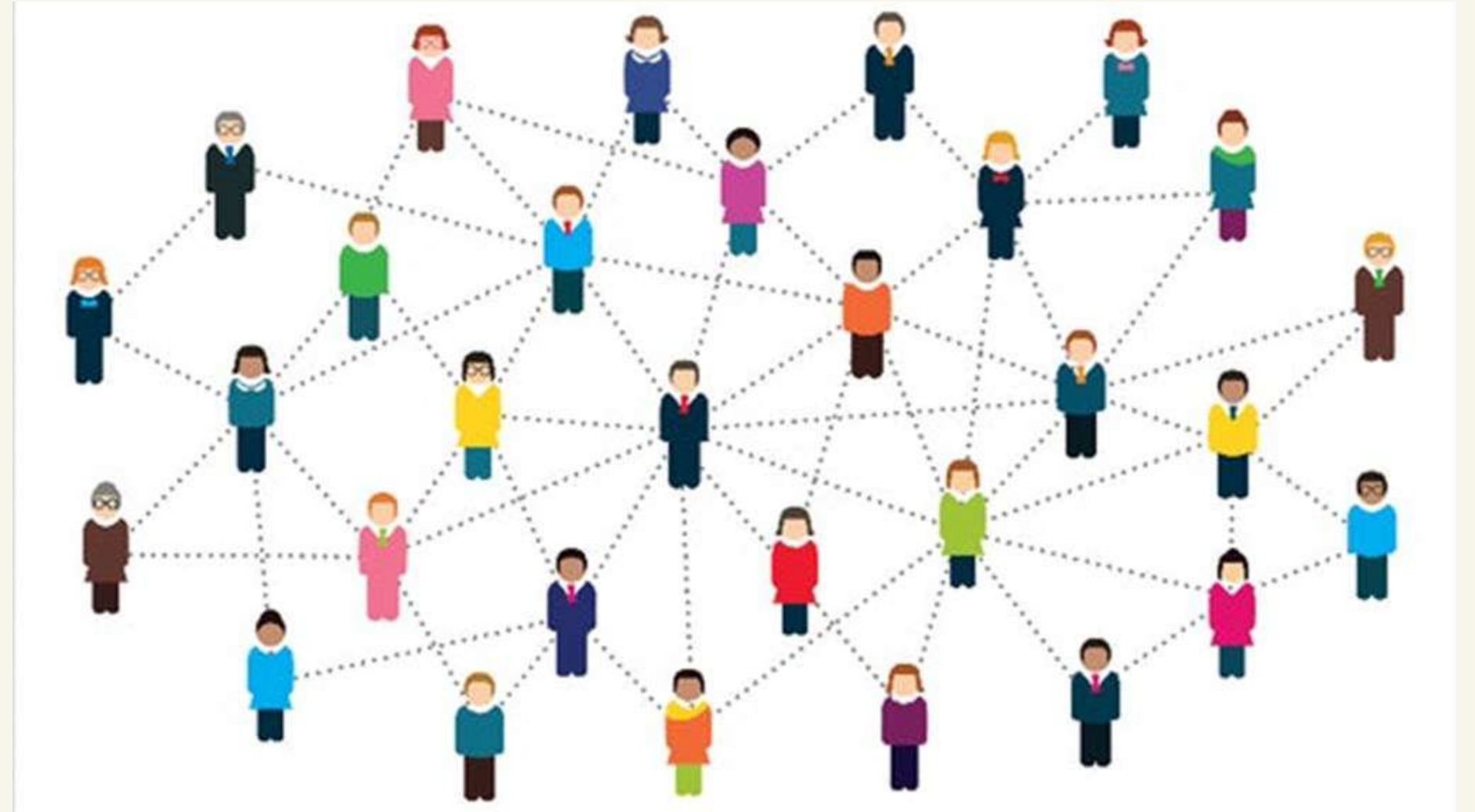




ANY TEACHER



Sustainable academic network



**for sharing experience &
exchange of good practices in the field of
innovative educational technologies and didactic
models;**



**Ala-Too
International
University**

**NEW Staff
NEW Course**



**How the virtual or web-based course
must be organized?**



Video



**Note
s**



Ppt



Virtual Course



**Course
Book**



**Syllabu
s**



Exam

In the header of the course:



Course
Book

1

Syllabus

2



Glossary

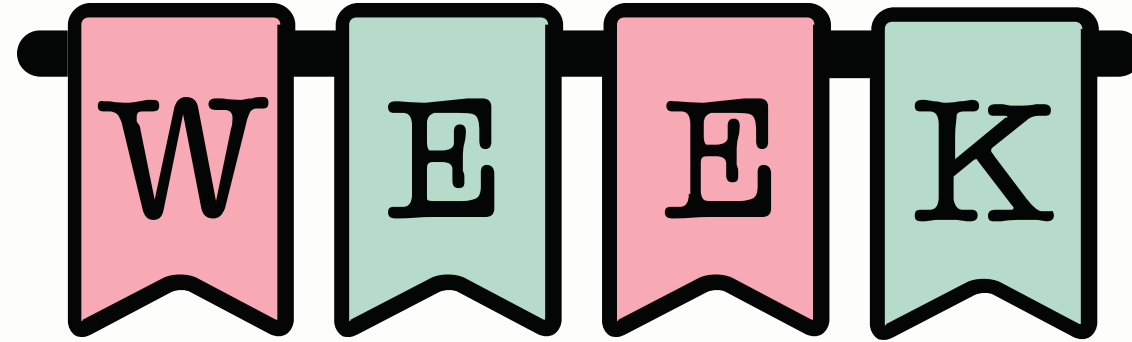
3

Online
Resources

4



Each should contain



Topics, subtopics, optional resources



1



2



3



4

PDF/TEXT Documents

Make an interactive text

- 1 Picture in 1 page
- Buttons related to the type of source
- create / find suitable multimedia resources
- use text styles



Presentation

I hear - I forget.

I see - I remember.

I do - I understand.



Video Courses

- **informative and attractive**
- **SHORT**
- **not have the ability to directly control the audience**



Exams or Questions

will help Students:

- **to assess**
- **to practice**
- **to evaluate**



VIRTUAL LIBRARY of Kyrgyzstan open.kstu.kg


KYRGYZSTAN

- Ala-Too International University
 - **Introduction to Programming (Python)**
 - **Introduction to Web Technologies (Front-End Development)**
 - Manastanuu
 - Kyrgyz Language for Foreigners
 - Ethics in Business Communication
- Issykkul State University named after K.Tynystanov
 - Descriptive Geometry and Engineering Graphics
 - **Methods of Teaching Kyrgyz Language in Primary School**
 - **Electricity Supply**
 - Energy Supply
 - Methods of Teaching of Mathematical Education
- Kyrgyz State Technical University named after I. Razzakov
 - Workflows, design and calculation of the power plants
 - **Mathematical problems in the electric power industry**
 - Engineering Graphics
 - **IT in education**
 - Automatic control theory

TADJIKISTAN

VIRTUAL LIBRARY of Ala-Too International University

← → ↻ 🏠 ocs.alatoo.edu.kg/course/index.php 🔍 📄 ☆ 🗄

☰  Online Course System Русский (ru) ▾

Вы не вошли в систему

Поиск курса Применить ?

► Развернуть

- ▶ Economics and Administrative Sciences
- ▶ Engineering and Informatics
- ▶ General Evaluation Test
- ▶ Graduate Programs
- ▶ International Distance Learning Center
- ▶ IT and Business College
- ▶ Medicine
- ▶ Miscellaneous
- ▶ Preparatory School
- ▶ Social Sciences
- ▶ State Courses

ocs.alatoo.edu.kg



Thank you 

email: burul.shambetova@alatoo.edu.kg

g

telegram: @mscburul

