DIGITAL TRANSFORMATION FROM INSIDE CLASSROOM: A CASE STUDY OF VNU-UEd

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“Configure”
“Reset”
“Re-boost”
Learning Process

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Theories

-Transformative, Digital pedagogy
- Non-traditional learning
- EdTech concepts
.

Practical solutions

Pedagogical approaches
Technology solutions and infrastructure
Edu platforms

01

Learning modes scanning

02

Lessons learnt

03

Theoretical principles

04

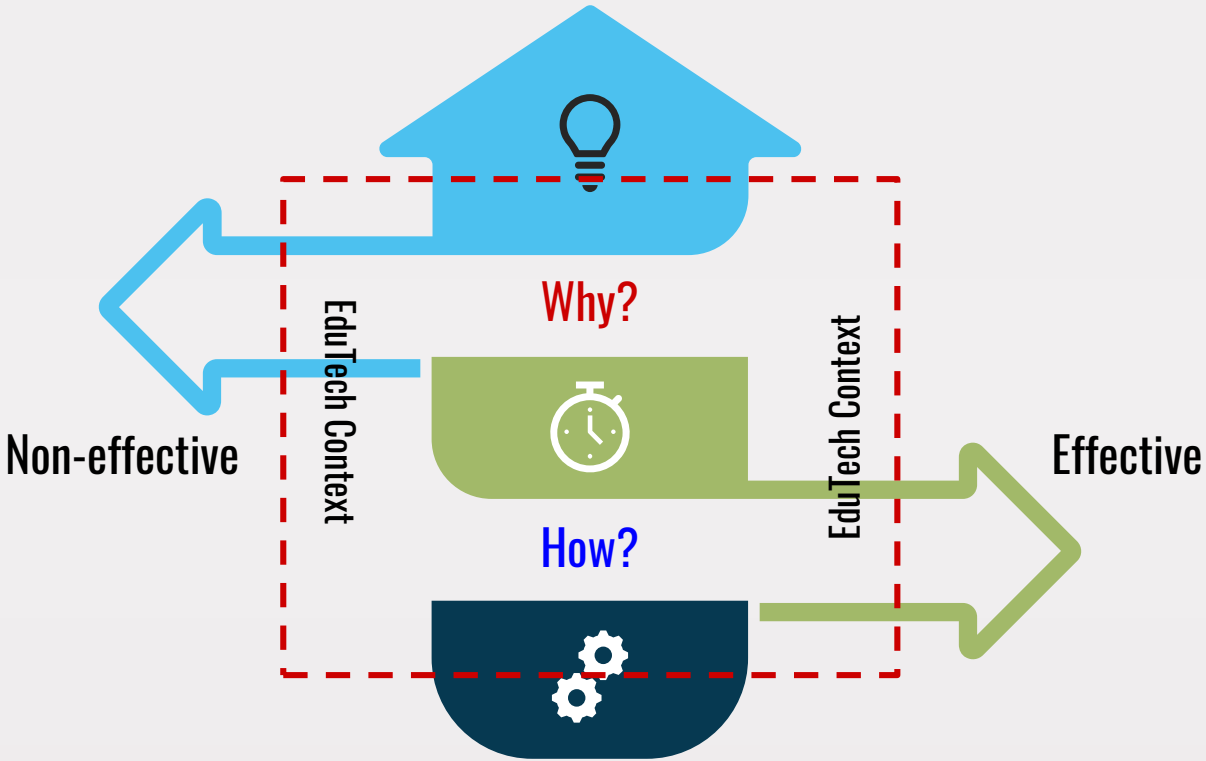
Proposed procedures

05

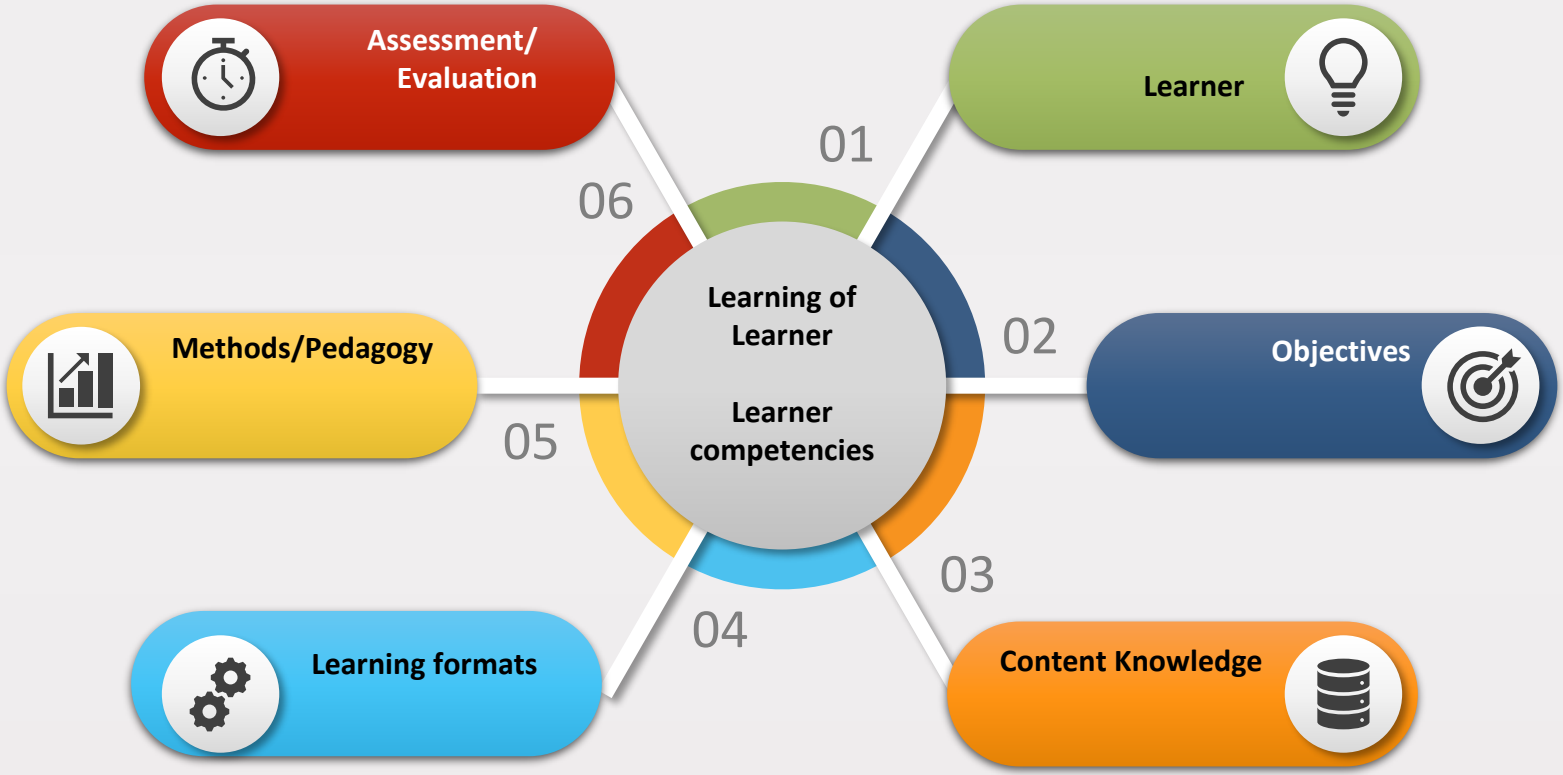
Implementation

06

ESuggestions


Why?
EduTech Context
EduTech Context
Non-effective
Effective
How?

NORMAL PEDAGOGY



Drivers of change

Changing role of the teacher

Demand for digital literacy

Rapid growth in new media

Demand for digital interaction

Increasing assessment and measurement of learning

New learning delivery models

Drivers

TECHNOLOGY TRENDS

Influencers

Key digital technologies

Artificial Intelligence and Machine Learning
Robotics
3D Printing
Drones
Internet of Things (IoT)
Biometric Authentication
Immersive Environment (AR/VR)
Big Data
User Analytics
Collaboration Technologies
Personalisation Engines
Gamification Technologies
Cybersecurity
Sharing Economy Platforms

KPMG, 2020

We overtake COVID-19 by…

Content **O**peration **V**irtual **I**nteractive **D**esign

with **19** characteristics

Nehru, T.Q.Cuong, Sandra, 2020

19 characteristics of "New normal" Pedagogy

	Learning focus	Pandemic Pedagogy	Total
1	Learners	Digital citizen (Gen Z) Multidimension	2
2	Strategy/Approaches	Adaptive Personalized	2
3	Content	Modular List of tasks Interactive	3
4	Methods	Self-study PBL or Project based Learning Research based Learning	3
5	Format	Online (Synchronous/Asynchronous) Blended Flipped	3
6	Tools	MOOC LMS BYOD	3
7	Assessment	Formative Task based Authentic	3
		Content Operation and Virtual Interactive Design (COVID)	**19**

3 Levels of transformation:
Digitization, Digitalization, Digital transformation

3 Models for transformation:
Technology Acceptance model (TAM)
SARM for using EdTech
TPACK for integration EdTech

Pearls

https://mozaweb.vn/mblite.php?cmd=open&bid=MS-6413-EN&page=7

Personalized
Mobile
Blended
Flipped
Seamless
Immersive

- Bài giảng kỹ thuật số
- 3D Cảnh 3D
- Video
- Hình ảnh
- Âm thanh

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Related content

Freshwater pearl mussel
A species of mollusc widespread in freshwaters.

Ammonites
An extinct group of Cephalopoda, with solid external skeletons. They are excellent index fossils.

Calcium carbonate ($CaCO_3$)
Limestone is a widely and diversely used material.

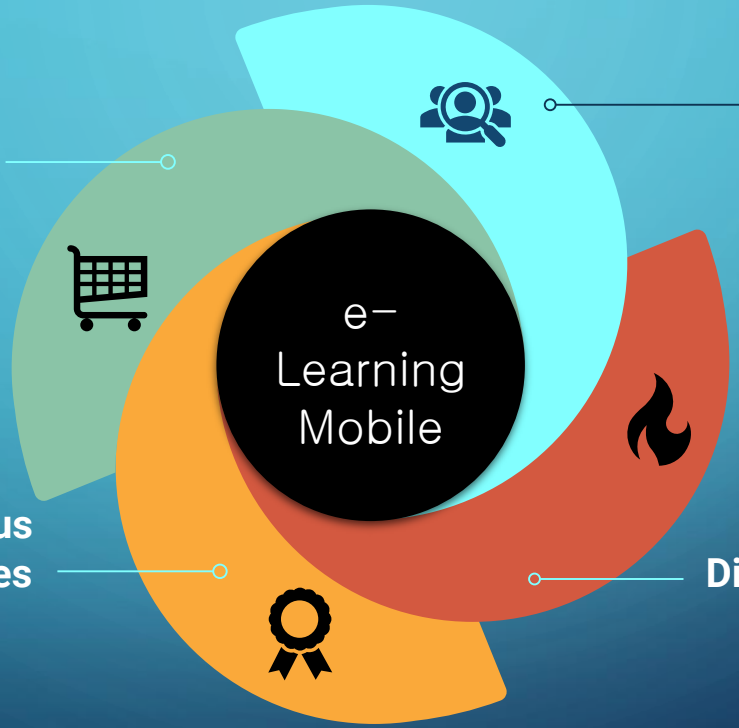
Mallard
This animation demonstrates the anatomy of birds through the example of mallards.

Diamond
Crystalline allotrope of elemental carbon, the hardest known natural substance.

Indian maharaja with his wife (18th century)
Maharajas were Hindu rulers of large regions of India.

Pearl oyster | Open pearl oyster | Shell structure | Mother of pearl | Pearl formation | Pearls | Anim

mozaik3D



Digital learning resources

LMS/LCMS

Internet, Wifi campus
Mobile devices

Digital learning tools


Transform
Traditional Class Format
Digital Format of Class

Pearls

https://mozaweb.vn/mblite.php?cmd=open&bid=MS-6413-EN&page=7

Dạy học cá nhân hóa
Mobile
Blended
Flipped
Seamless
Immersive

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- 3D Cảnh 3D
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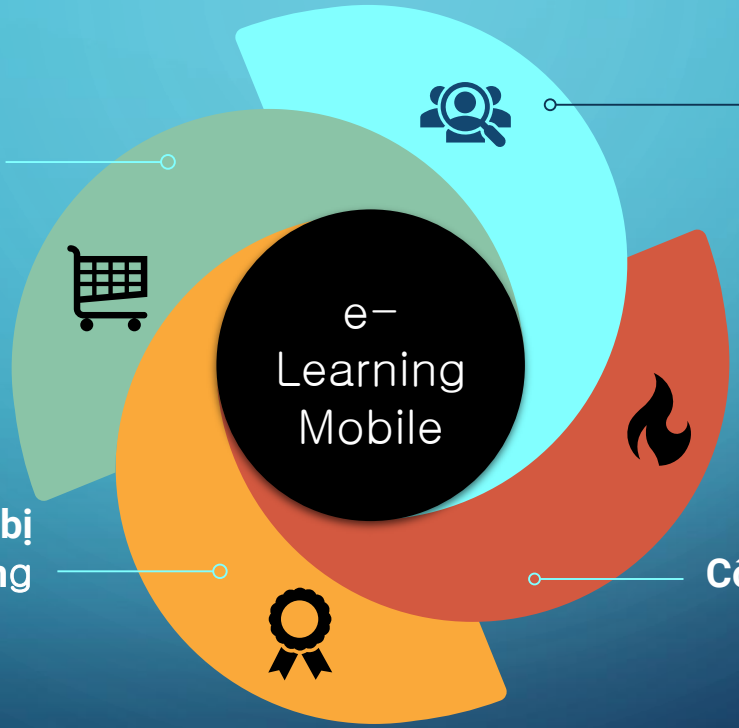
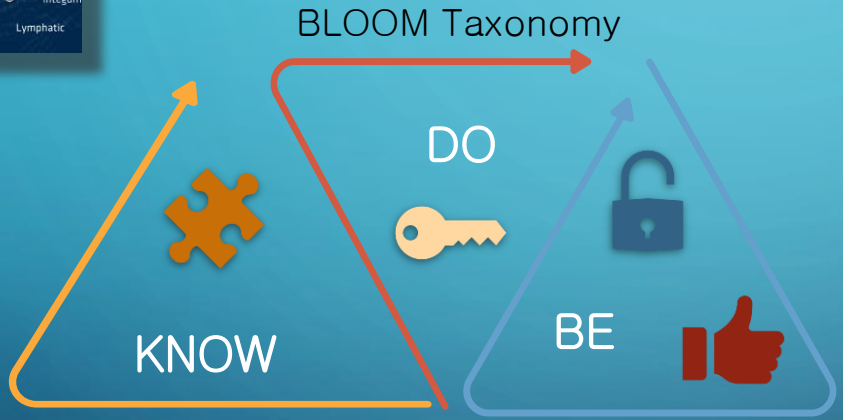
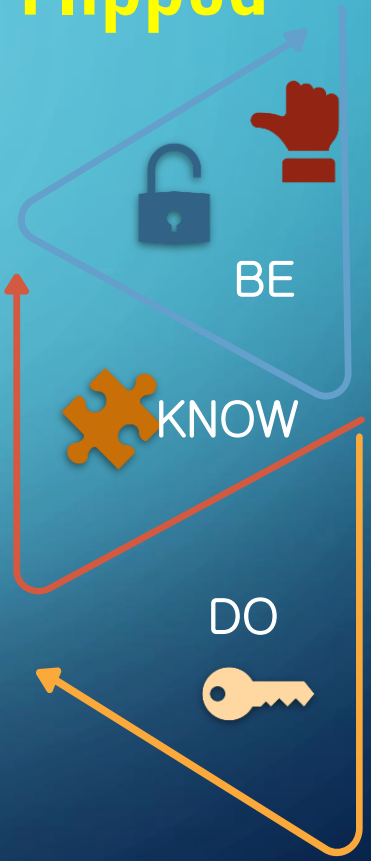
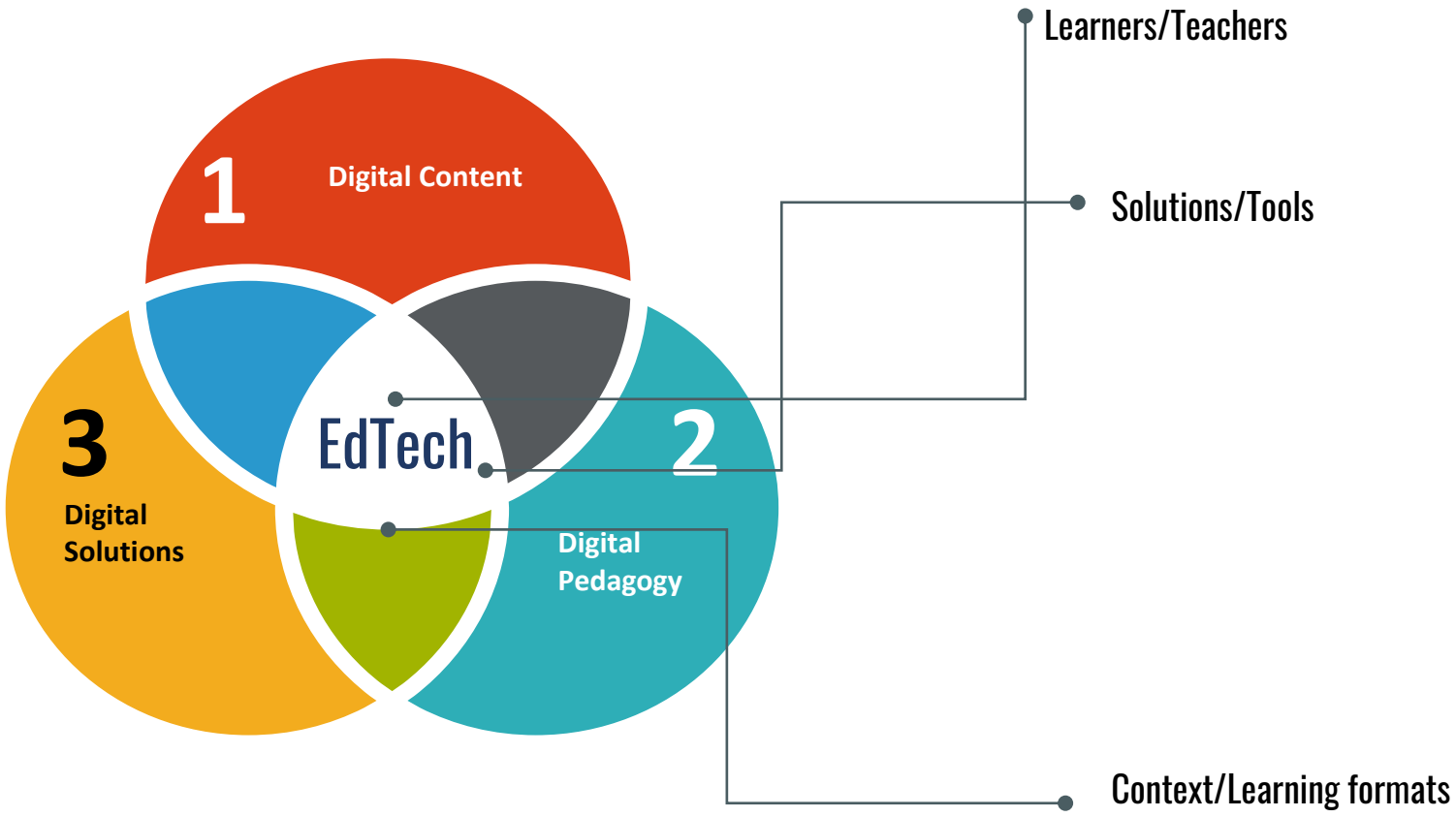
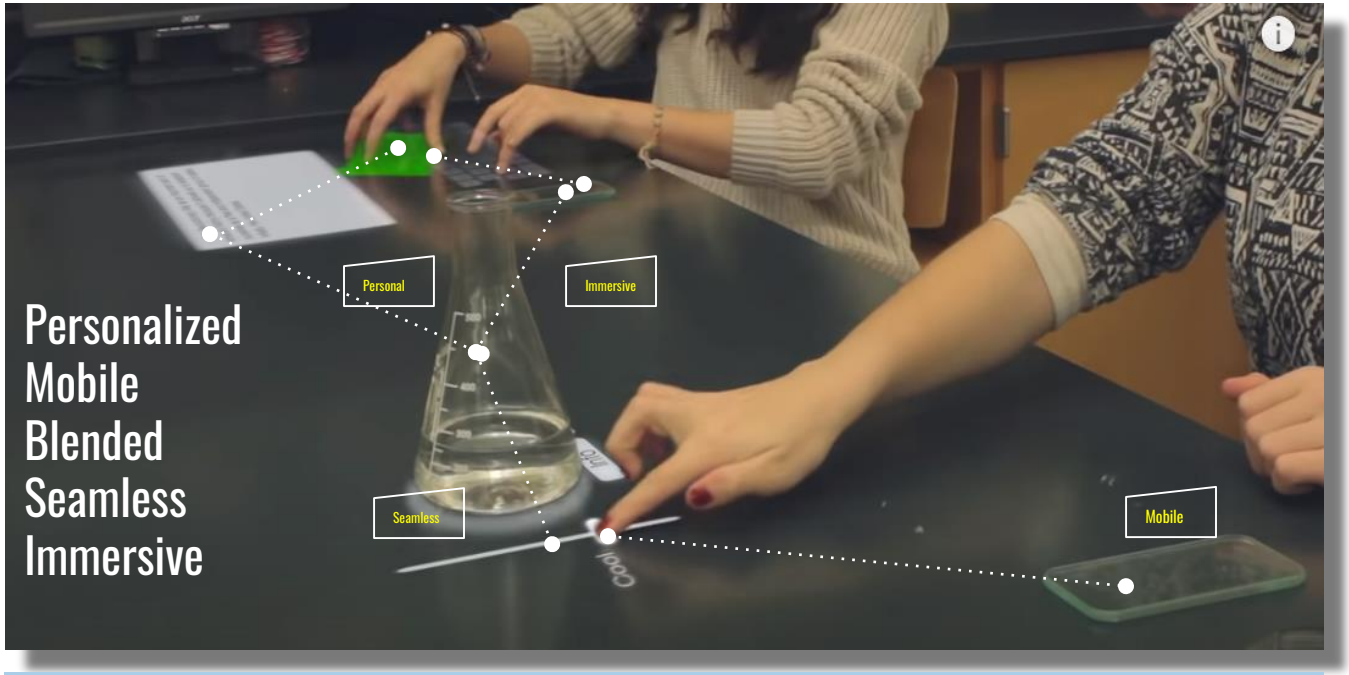

Học liệu số
Hệ thống LMS
e–
Learning
Mobile
Mạng kết nối, thiết bị
cầm tay di động
Công cụ số

Flipped






1
Digital Content
3
Digital
Solutions
EdTech
2
Digital
Pedagogy
Learners/Teachers
Solutions/Tools
Context/Learning formats



Sharing Edu Platforms

THE OPPORTUNITIES

1. Incorporating a digital culture into the learning process supporting digital learning resources in HE
2. Accessing a modern digital infrastructure for learning
3. Creating and implementing assessment models for digital competence
4. Creating learning opportunities for students and staff to acquire digital competences

THE SUGGESTIONS

DIGITALLY TRANSFORM INTERNAL PROCESSES

1. Digital illiteracy
2. Obsolete technology
3. Rejection to change
4. Confusing initial setup

RESISTANCE TO CHANGE

1. Change how leaders think
2. Lead by example
3. Be open to feedback
4. Communicate the benefits of transformation

Thank you for attention

Q & A