



MOOCs concept





What do You know about MOOCs?

The first thing(s) that come to your mind related with MOOC?

www.menti.com

Code: **55 12 25**

Results

What was new?



M assive
O pen
O nline
C ourse

MOOC *definition*

“A **massive open online course** (MOOC) is an *online course* aimed at large-scale *interactive participation* and open access via the web. In addition to traditional course materials such as videos, readings, and problem sets, MOOCs provide *interactive user forums* that **help build a community** for the students, professors, and teaching assistants (TAs). MOOCs are a recent development in distance education.”

[Massive open online course - Wikipedia](#)



Question for audience:

Have You ever participated in a MOOC? Which?



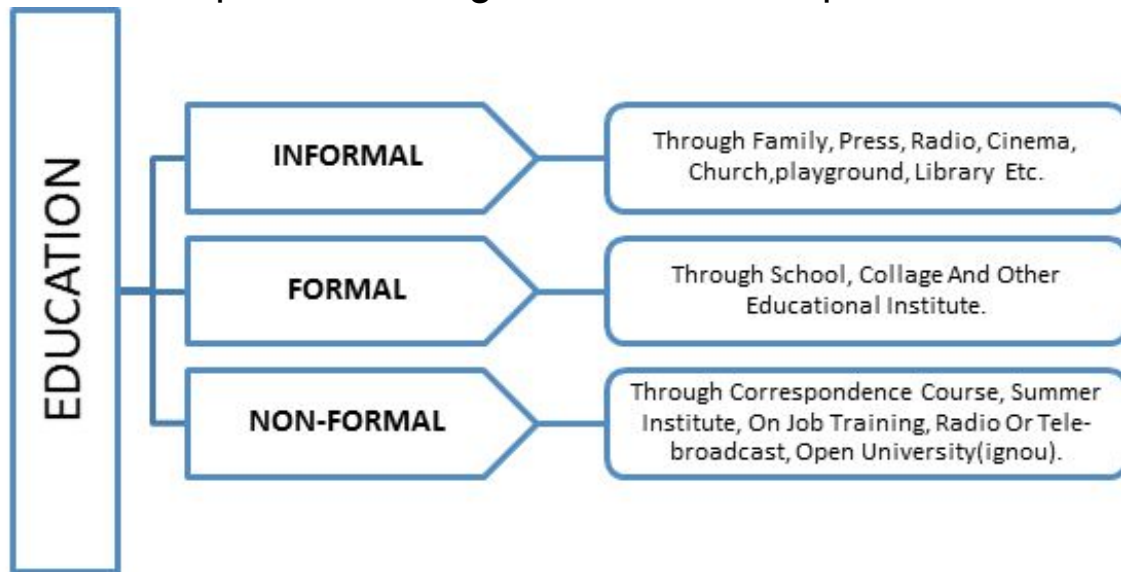
Different types of MOOCs

- cMOOC - emphasizes the connectivist philosophy: it is a social platform for collaboratively sharing and building knowledge within a community of people.
- xMOOC - relies on a more traditional model of education, based on lectures recorded in videos, and usually is well-financed.
- μ MOOC (micro-MOOC) - a small, highly targeted course.



Why to use MOOC?

- Formal and non-formal education
 - Formal - schools, students
 - Non-formal - target group, participants from different age groups, with different prior knowledge and different experiences





Why to use MOOC? (2)

- Lifelong learning (lifelong education)
 - Development of information and communication technologies (ICT), web development, increased availability of information, open educational resources (OER)
 - Distance learning (platforms like Moodle, Blackboard, Iversity, Edmodo, etc)





Why to use MOOC? (3)

- 21st century skills

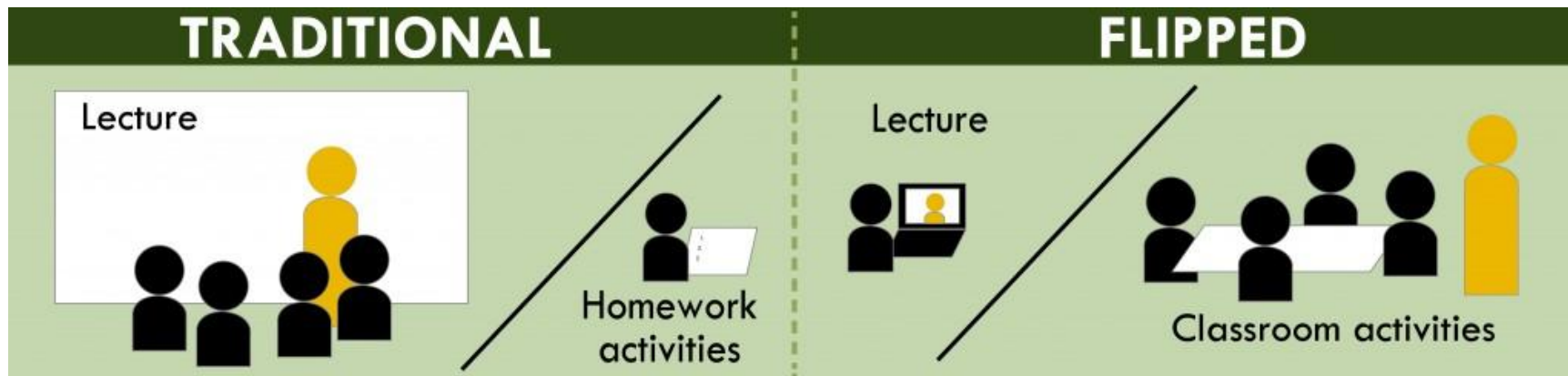
Learning and Innovation "The 4 C's"	Digital Literacy	Career and Life
Critical thinking & problem solving	Information literacy	Flexibility & adaptability
Creativity and innovation	Media Literacy	Initiative & self-direction
Communication	ICT Literacy	Social & cross-cultural interaction
Collaboration		Productivity & Accountability
		Leadership & responsibility



Why to use MOOC? (4)

- Flipped classroom

students use the MOOC in home and later in class they collaborate with teacher and classmates, attach the knowledge, actively learning, exploratory learning





Discuss with person next to you:

Have You used a MOOC in Your classes with students?

If yes - how was it? If not - why?



Where to find MOOCs?

- Coursera - was founded by Stanford University computer science professors
- Udacity - is the outgrowth of free computer science classes offered in 2011 through Stanford University
- edX - was created by The Massachusetts Institute of Technology and Harvard University

These three are all established since 2012 and are most famous MOOC platforms. MOOCs organized by these platforms are attended by more than 14 million participants.

Can you add some sources where to find MOOCs?



An example from Estonia - MOOC about programming for beginners

- First pilot course was launched on 2014 autumn (32 participants registered, 21 finished)
- 2015: spring and autumn, total 2172 registered, 1421 finished
- 2016: additional follow-up course (about 300 participants in the first pilot course and in the autumn 1700 participants)
- Got quality badge - “best e-course 2016”



References

- <https://www.intechopen.com/books/virtual-learning/massive-open-online-courses-mooc-and-its-possibilities-as-instrument-of-formal-nonformal-informal-an>
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- <http://desarrolloweb.dlsi.ua.es/moocs/what-is-a-mooc>
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