The Emergency of Open, Online and Distance Education

Learning Together in the Emergency of the Corona Virus Pandemic

António Moreira Teixeira
UNIVERSIDADE ABERTA - DEED (PT)
UNIVERSITY OF LISBON - CFUL (PT)
EDEN SENIOR FELLOW (UK)
EMERGENCY ONLINE AND DISTANCE EDUCATION

What to do and how to do it?
António Moreira Teixeira | THE EMERGENCY OF OPEN, ONLINE AND DISTANCE EDUCATION
Building a **Future proof / ready** Classroom?

Towards a Seamless Multi-Contextual and Multimedia Learning Environment.
“As access to educational resources outside the school walls increases, as new tools for informal learning emerge, there are calls for the school to fragment itself into millions of personalized learning environments, to become an integral part of the homes, workplaces and streets of a learning city. The future for the school, in some visions of the next two decades, is that it should disappear.”

Keri Facer (2011), *Education, technology and social change*
António Moreira Teixeira | THE EMERGENCY OF OPEN, ONLINE AND DISTANCE EDUCATION

Smartphones Banned from Certain French Schools
High Schools Can Choose Whether to Enforce Law

DIGITAL DETOX
FRANCE BANS SMARTPHONES IN PRIMARY AND MIDDLE SCHOOLS

SCHOOL BAN CELL PHONES IN FRANCE
“In 2012, 96% of 15-year-old students in OECD countries reported having a computer at home, but only 72% reported using one at school. Overall, students who use computers moderately at school tend to have somewhat better learning outcomes than students who use computers rarely. But students who use computers very frequently at school do much worse, even after accounting for social background and student demographics.”


“School systems need to find more effective ways to integrate technology into teaching and learning to provide educators with learning environments that support 21st century pedagogies and provide children with the 21st century skills they need to succeed in tomorrow’s world. (...) Technology is the only way to dramatically expand access to knowledge. To deliver on the promises technology holds, countries need to invest more effectively and ensure that teachers are at the forefront of designing and implementing this change.”

Andreas Schleicher, OECD Director for Education and Skills
### Learning in a networked society

#### 21st century learning
- Learner-centred
- Personalized
- Flexible
- Social/collaborative nature
- Challenging
- Contextual
- Lifelike, authentic
- “Gamified”
- Questioning/creating knowledge
- Experimenting; mistakes as learning opportunities
- Problem solving
- Artefacts/complex objects/eportfolios

#### Traditional learning
- Content-centred
- Uniform
- Rigid
- Highly structured
- Centralized
- Competitive nature
- Academic, curricular
- Memorizing/reproducing information
- Mistakes as failure; fear of experimenting outside the given parameters
- Tests / Exams

---

TYPICAL ASPECTS TO BE CONSIDERED IN ONLINE EDUCATION QUALITY ASSURANCE

Institutional policies and support (vision, strategic planning, policies, infrastructure)
Pedagogy (reference model for teaching and learning, teaching and learning culture)
Curricular and course design (curricular design, course design)
Teaching and learning (instruction and collaboration)
Course structure (learning objects, content ecosystem)
Learner support (administrative support staff, technical support staff)
Teachers and learning support (teachers, tutors, facilitators, mentors)
Technology (Digital learning environment, learning analytics, AI)
Learning assessment (types, organization and tools)
Assessment security (anti-plagiarism)
Quality evaluation

António Moreira Teixeira | THE EMERGENCY OF OPEN, ONLINE AND DISTANCE EDUCATION
iMOOC Pedagogical Model
(Teixeira & Mota, 2013)

iMOOCs focus on individual responsibility, interaction, interpersonal relationships, innovation and inclusion.
e-Learning: crea actividades y contenidos para la enseñanza virtual

Haz eLearning efectivo para capacitación en organizaciones; educación superior y educación media.

Start the MicroMasters Program

MicroMasters: A series of credit-eligible courses recognized by industry.

La programa de MicroMasters en “e-Learning: crea actividades y contenidos para la enseñanza virtual” se basa en las últimas investigaciones realizadas en el ámbito de las Tecnologías de la Información - comunicación (TIC) y su aplicación a las teorías del aprendizaje.
WHAT DO YOU WANT TO ACHIEVE?

- Recognize the different contexts and scenarios of distance education
- Identify the necessary technical and logistical conditions
- Use specialized pedagogical and technical support (internal or external)
WHAT SHOULD YOU DO?

- Design the appropriate learning process to the given target audience
- Choose the most appropriate technology and tools
- Establish a digital assessment strategy
WHAT CAN YOU EXPECT?

- Higher intensity of the communication interaction
- Different digital skills and asymmetries regarding Internet access
- Specific online culture and learning dynamics
- Critical importance of time management and a higher workload in online teaching contexts
WHAT SHOULD YOU AVOID?

- Replicate the face-to-face teaching model
- Long learning sequences
- Very long videos and video lessons by web conferencing systems
USEFUL RESOURCES – COVID 19

ICDE – International Council for Open and Distance Education - #Learningtogether
EDEN - European Distance and E-learning Network
EADTU - European Association of Distance Teaching Universities
Contact North - The 10 Fundamentals of Teaching Online
UNESCO - Distance learning solutions
TRANSITION TO ONLINE EDUCATION SUPPORT INITIATIVES - COVID 19

UNESCO - COVID-19 Educational Disruption and Response
UNESCO - Global monitoring of school closures caused by covid-19
CRUE | UNED | UOC - #Conectad@s. La universidad em casa
Ensinar a Distância – Comunidade Aberta e Inclusiva de Apoio à Transição para a Educação Online
Coronavirus School Closure Homeschool Planner and Daily Schedule
Coronavirus Home Schooling Support Page
OTHER RELEVANT SUPPORT INITIATIVES IN PORTUGUESE - COVID 19

UNIVERSIDADE AbERTA (to be announced soon)
Universidade de Aveiro - Comunidade #EuEnsinoEmCasa (Campus Altice)
Universidade do Porto – Tecnologias Educativas
Instituto Politécnico de Leiria - ciclo de webinares "Atividades Letivas a Distância"
João Mattar-MOOC EAD de A-Z
Coronavirus: 100 cursos online gratuitos de Harvard
Thank You!
¡Muchas gracias!
Muito Obrigado!

#e-agora?
#learningtogether
#EuEnsinoEmCasa

Antonio.Teixeira@uab.pt
https://eagoraead.wixsite.com/ensinaradistancia