

Online education: Trends, Technology & Future

Group 18

07.09.2020

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Our Team



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Online Education – Developing countries

Azerbaijan

- Microsoft Teams, TV, recorded videos
- Companies: Microsoft; BestComp; AzEduNet, and Edumedia



China

majorly higher education and K12 education

Homework help and Online dictionary

- **Zuoyebang, Xiaoyuansouti and Kuaiduizuoye**
- **Youdao Dict & Baicizhan**



Mode of online education

Synchronous, asynchronous, and O2O modes of e-learning

Online education – Developing countries

India

- E-learning initiatives, MOOC: NPTEL & SWAYAM

Reskilling & certification, K12 education & Test preparation

- Byju, Millionlights, Educomp, Edukart

Synchronous, asynchronous, and O2O modes of e-learning

Myanmar:

TV , app, open source LMS and MOOC

LaeLar, 360Ed, mmTutors, Utter

Pakistan

MS Teams, Zoom, Tencent and App based

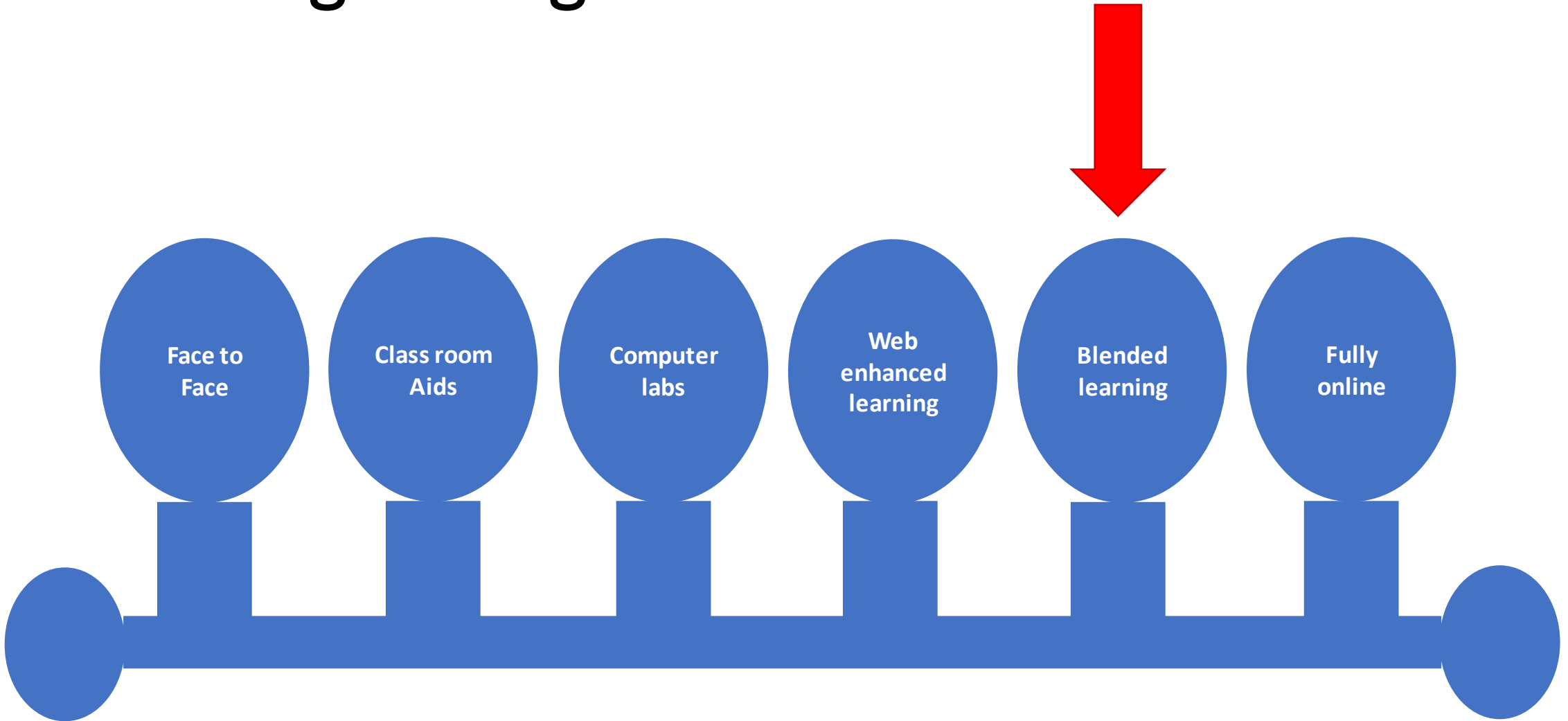
Sabaq, Taleemabad, LearnSmart, etc.



Online education: Benefits & Key issues

- Less cost for students
- access to high quality program
- Flexibility
- Focus on teaching
- Lifelong learning
- Diverse choices
- No hands on training
- Inadequate training to teachers
- Lack of technological infrastructures
- Poor digital literacy
- Inequity due to digital divide
- Recognition & acceptance
- Missing local context
- Lack of engagement, interaction & guidance

E-learning strategies



Online education: Emerging technologies & its role

Artificial intelligence & Machine learning

- Chatbox – student facilitator
- Learning Analytics
- Adaptive learning

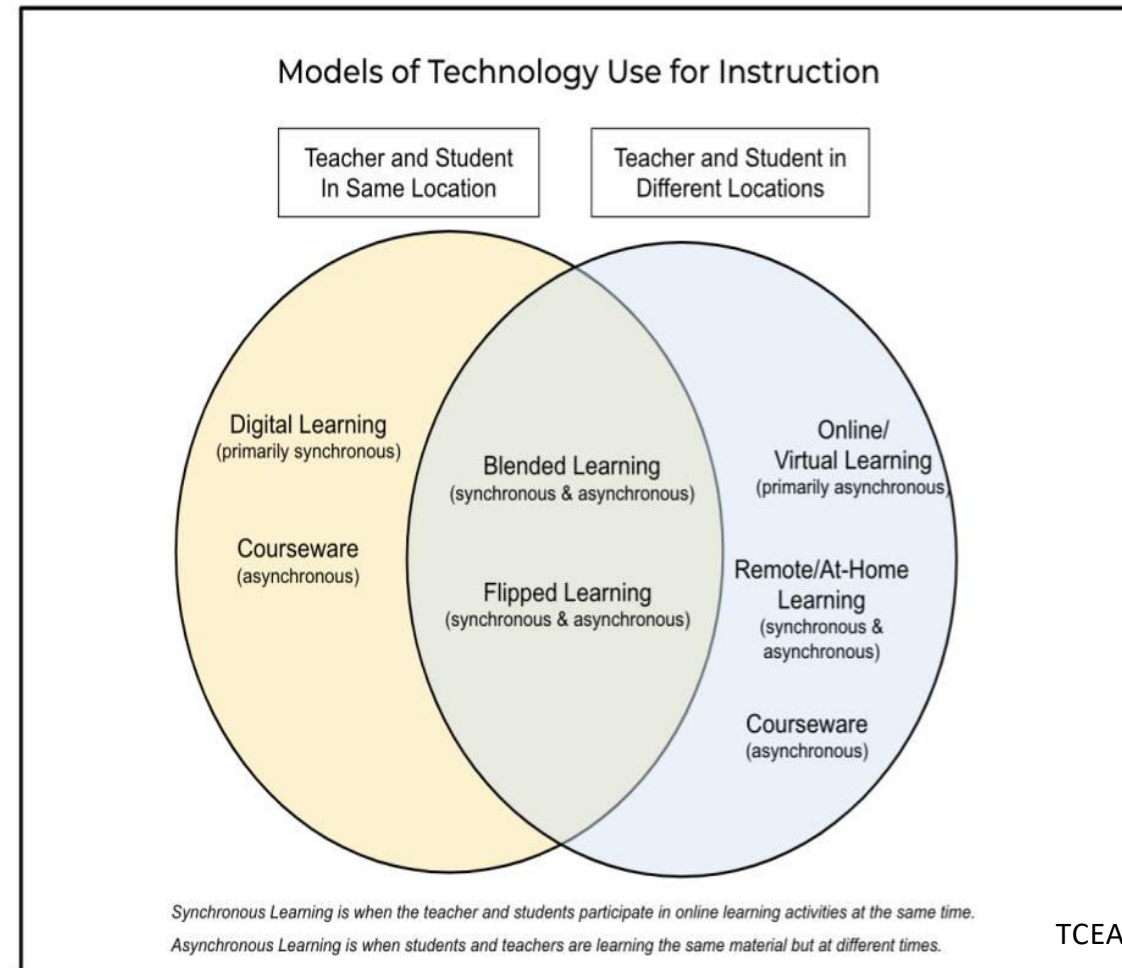
Extended reality (XR – VR/AR/Hologram)

- Gamification-based learning approach
- Interactive learning & understanding
- Practical training purposes
- Efficient tracking & improved analytics

Delay-tolerant networking mechanism

- Offline tracking

Modular offline learning education assessment platform (MOLEAP)



Framework for online learning

Integrates technology into learning

Analyze and gather information about the learners

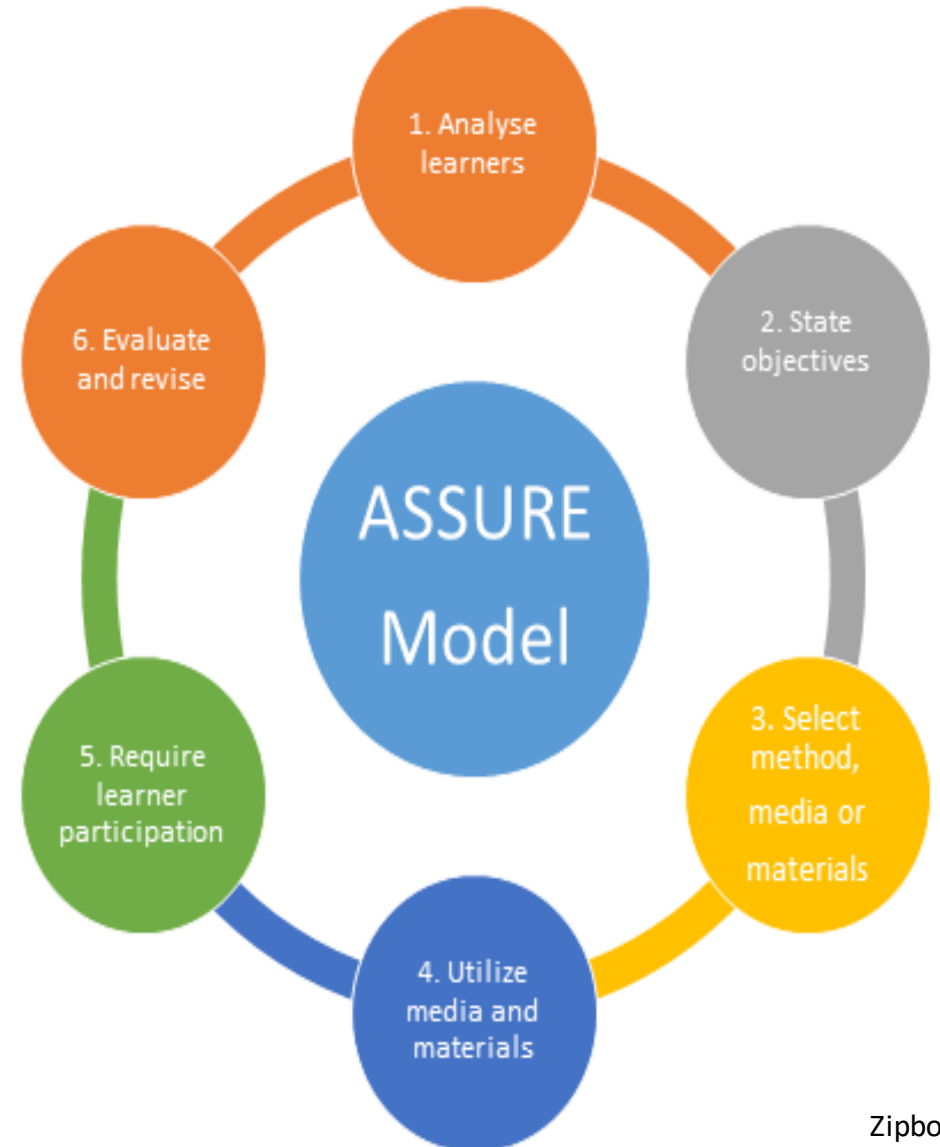
State the objective and determine the goal of the instruction

Select strategy to determine the degree of technology and media input

Utilize technology and media to prepare the material for implementation

Create strategy for **learners participation**

Evaluate the performance and **revamp** the course



Hype vs Reality

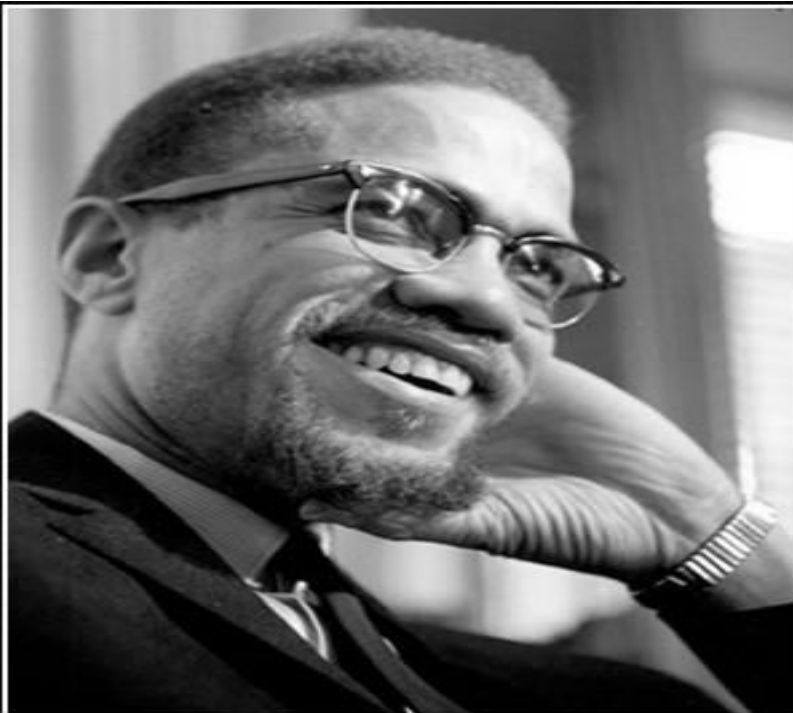
Teachers role ???

Predication & Judgement???

Ethical issues???

Educational institutions???

Expectation, intention,
Emotional factor???



Education is an important element in the struggle for human rights. It is the means to help our children and thereby increase self-respect. Education is our passport to the future, for tomorrow belongs to the people who prepare for it today.

Thank — *Malcolm X* — You

AZ QUOTES

Only education, self-respect and rational qualities will uplift the down-trodden.

~ Periyar E.V. Ramasamy