



مكتب اليونسكو
الاقليمي - بيروت
UNESCO Regional
Bureau - Beirut



United Nations
Educational, Scientific
and Cultural Organization
منظمة الامم المتحدة
للتربية والعلم والثقافة

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Future of e-learning in Lebanon

Session 2: e-Learning Models

Learning and curriculum in the ICT Era

UND, 28 May 2015

Main discussion points

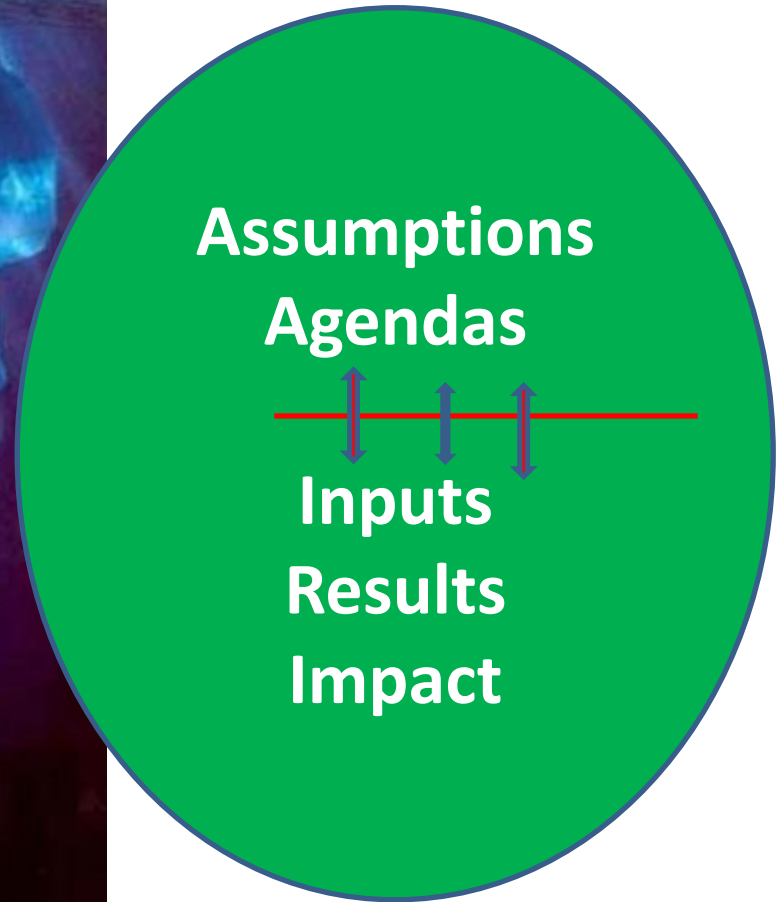
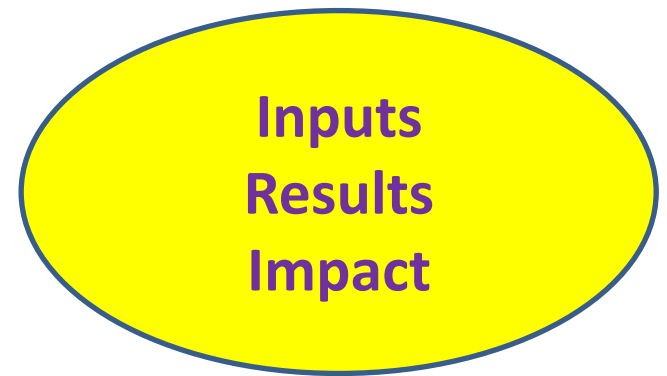
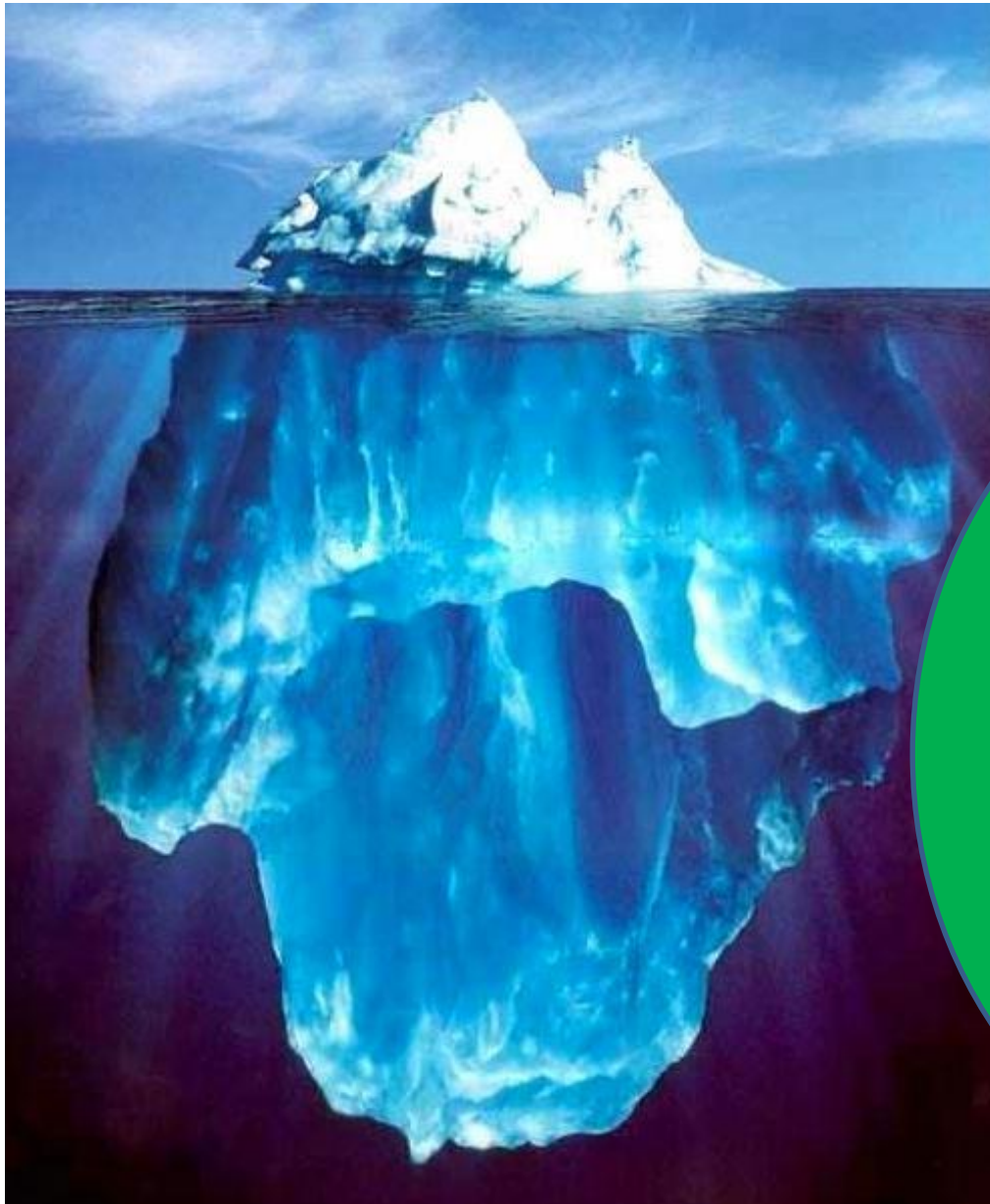
1. Learning building blocks

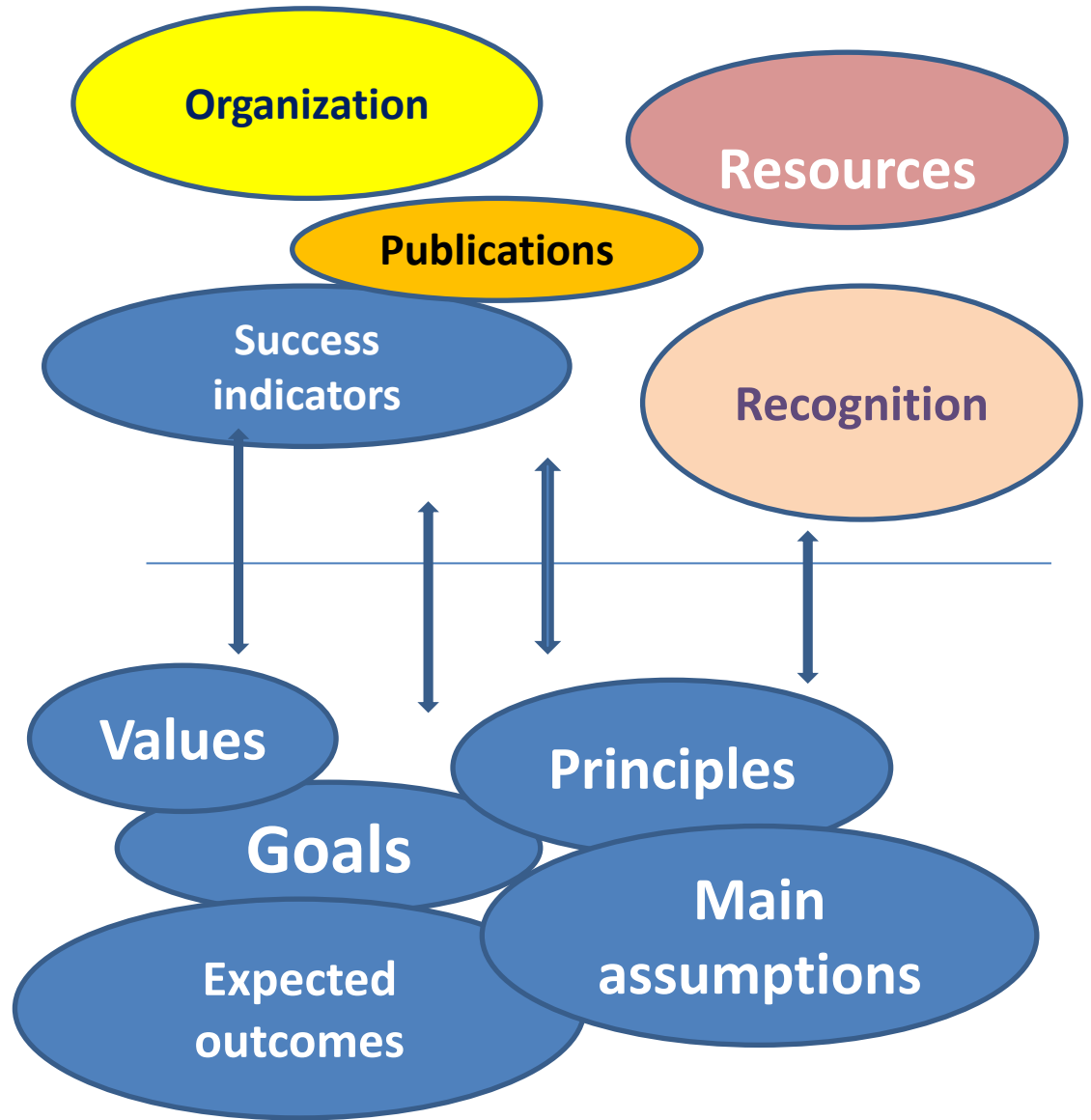
2. E-learning, learning and curriculum

3. Check list and open questions



**THERE ARE TWO
GIFTS WE SHOULD
GIVE OUR CHILDREN;
ONE IS ROOTS, AND
THE OTHER IS WINGS.**





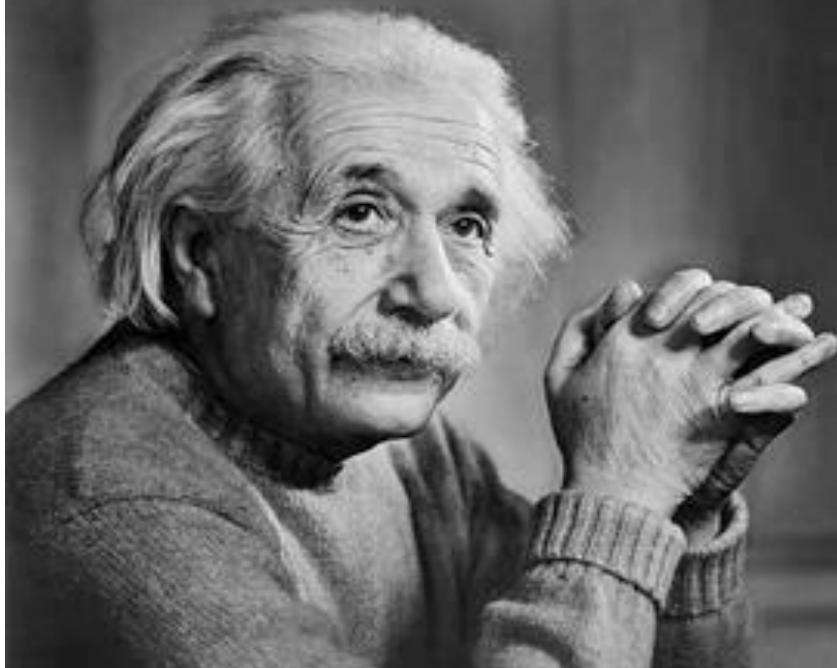
Courtesy of Curriculum Foundation, UK

1. Learning

**What do we need to
learn?**

If you can't explain it **simply**, you don't understand it well enough.

– Albert Einstein



بيئة التعلم المستقبلية



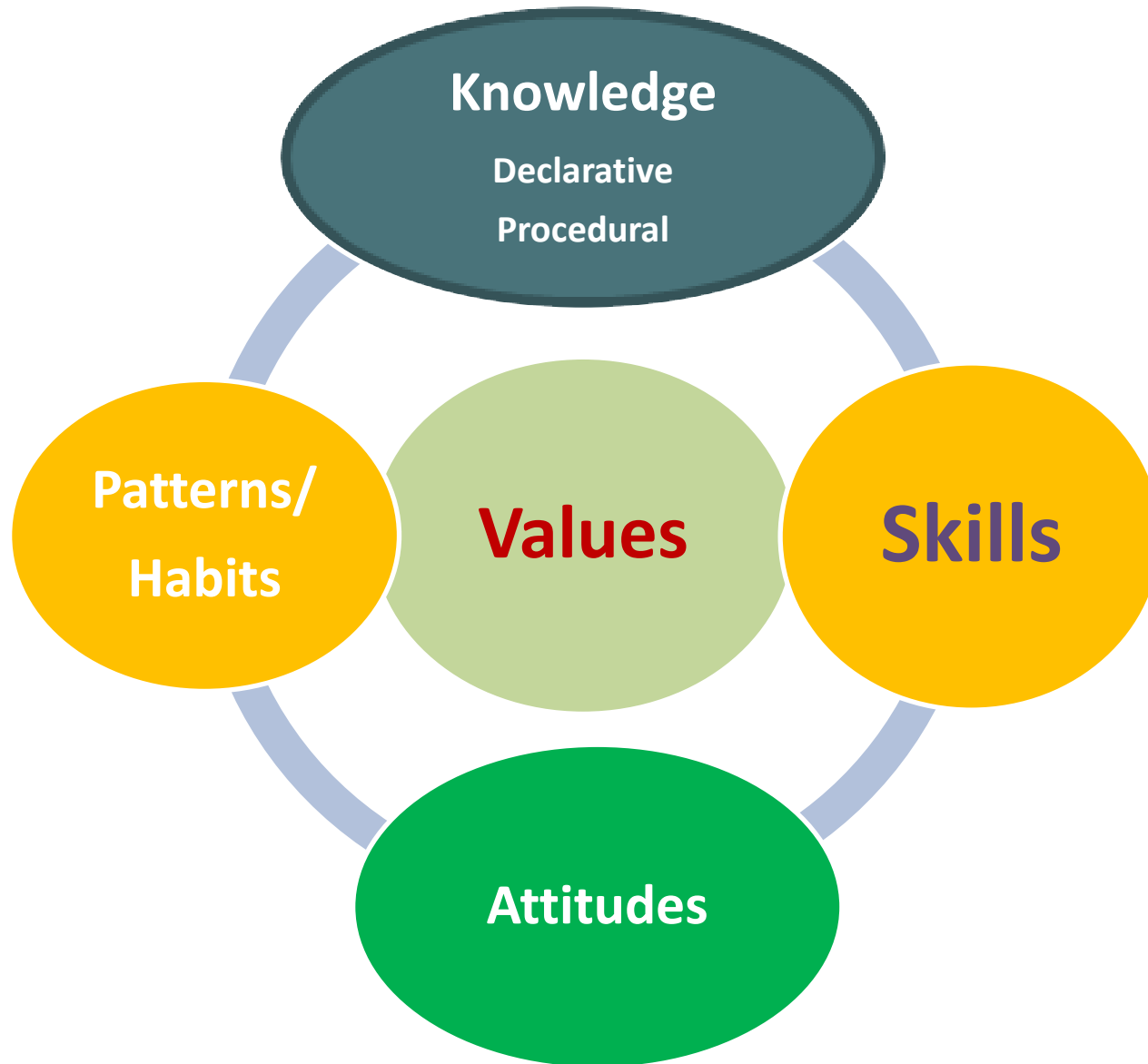
Concepts and Issues: Learning

- Learning: understanding of, and underpinning assumptions
- Life-long learning
- Learning to learn
- Learning outcomes (i.e. qualification, certifications, diplomas)
- Competencies: Knowledge, Skills and Attitudes
- Teaching and Learning
- Assessment
- Prerequisites of effective learning

Modalities and Apparatus: Learning

- **Formal, non-formal and informal**
- **Face-to-face**
- **Distance learning (i.e. MOOCs)**
- **E-learning**
- **Blended learning**
- **Self-learning**
- **Communities of practice/Networked learning**
- **Advisory and counselling services**
- **Remedial programmes**

What do we learn?



Knowledge

Declarative

- Factual information
- Concepts

(Names and attributes)

Procedural (Know-How)

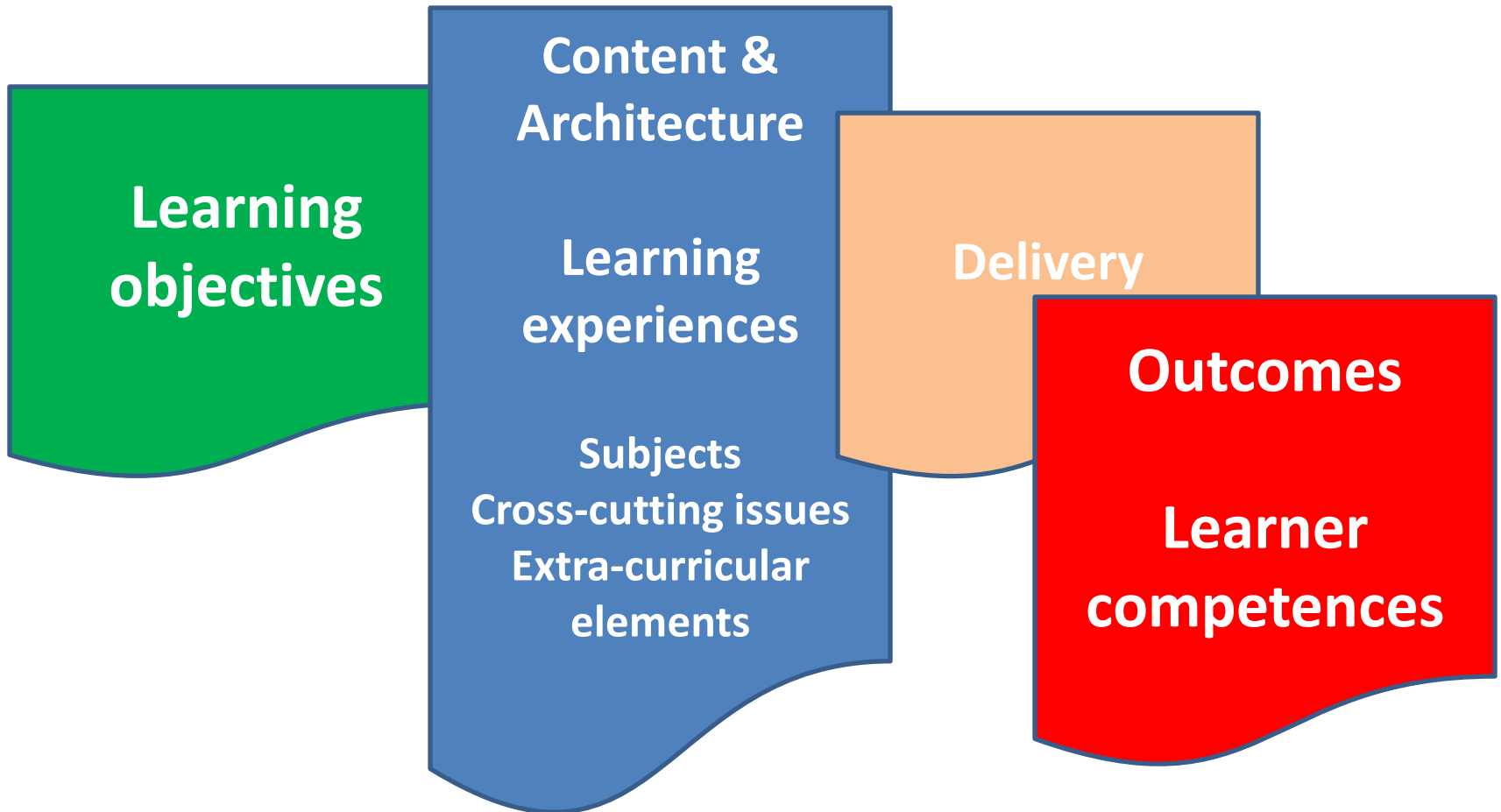
- Schemata
- Inferences

(Directional for action)

2. E-learning, learning and curriculum

What should/will change?

Curriculum




Curriculum: What should/will change?

- More integration?
- New subjects (i.e. coding?)
- More project- and problem-based approaches?
- More interactive delivery?
- More self-assessment?

3. Check list: how to make sure learning is happening?

...and some open questions

Quality check list

	Learning building blocks	Face-to-face (traditional)	E-learning	Distance learning	Blended learning	MOOCS	Self-learning
DK	Facts						
	Concepts						
	Units						
PK	Schemata						
	Inferences						
	Skills						
	Attitudes						
	Values						
	Patterns/ Habits						

Quality check list

	Learning building blocks	Face-to-face (traditional)	E-learning	Distance learning	Blended learning	MOOCS	Self-learning
DK	Facts		X				
	Concepts		X				
	Units		X				
PK	Schemata		X				
	Inferences		X				
	Skills		X				
	Attitudes		X				
	Values		X				
	Patterns/ Habits		X				



...and some open questions

- Advantages v. Disadvantages

 - Added value

 - Ethical issues

- Quality & Equity

 - Inclusion