University of St.Gallen

Developing a MOOC to Foster Information Literacy (IL) by Means of a Conjecture Map

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Overview

- 1 **i-MOOC**
First steps towards a digital educational ecosystem
- 2 **Information Literacy (IL) Framework**
i-MOOC bases on the 7i-model of information literacy (IL)
- 3 **Method**
The conjecture map as a part of our educational design research cycle
- 4 **i-MOOC Conjecture Map**
Explication of the underlying assumptions
- 5 **First findings**
Collaboration | Efficiency | ...
- 6 **Further Work and Discussion**
MOOC-Design | Institutional requirements | ...

Massive Open Online Course to foster Information Literacy
for: High School Students in Switzerland (Sekundarstufe II)

**Foster Information Literacy
Science Communication**

950 Enrolled
620 Active
200 Completed

21 Schools
29 Teachers
54 Classes

Information Literacy (IL) Framework | 7i-Model (Seufert et al., 2015)

Course Structure and Levels			
Module	Content	Level	
M1	<ul style="list-style-type: none"> Introduction Pretest 	Info Tourist
M2	<ul style="list-style-type: none"> I-needs I-sources 	Info Mapper
M3	<ul style="list-style-type: none"> I-access I-evaluation 	Info User
M4	<ul style="list-style-type: none"> I-use I-presentation 	Info Guide
M5	<ul style="list-style-type: none"> Internet Rally 	Info Leader
M6	<ul style="list-style-type: none"> Posttest Wrap up 	Info Master

Method | Educational Design Research Cycle (Wozniak 2015; Mc Kenney & Reeves, 2012)

i-MOOC Conjecture Map (based on: Sandoval, 2014 / Wozniak 2015)

DESIGN PRINCIPLES

TEACHERS
STUDENTS
RESEARCHERS

NETWORK

INSTITUTIONAL LEVERS

READY-TO-USE
SUPPORT
ACTIVATION

REACH

POTENTIAL

MODULARITY
EFFICIENCY

ANALYTICS

CHALLENGES

FUNDING
PLATFORM
DIGICOMPTOTEACH

*INSTITUTIONAL
CHANGE*

Further Work | in progress ...

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