Innovation lessons

iTEC roundtable
Eminent 2012
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2011 Horizon Report K-12

* Cloud Computing
* Mobiles
* Game-Based Learning (2-3 years)
* Open Content (2-3 years)
* Learning Analytics (4-5 years)
* Person Learning Environments
(4-5 years)

NMC Horizon Report > 2011 K-12 Edition

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"Inspired by Technology, Driven by Pedagogy": Lessons Learned

* Imbalance between investments and knowledge base
* Tension between technology and pedagogy
* Research must be translated into meaningful guidelines for pedagogical practice
* Research-based knowledge must be phased into initial and in-service teacher training
* Balance expectations - feasibility
* ICT for assessment is under-utilized

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NDLA: An Ambitious Initiative (ndla.no)

* Joint partnership and co-ownership between 18 (out of 19) county councils

* Virtual organisation. No main office. Teachers work as local editors and editorial staff

* Numerous users throughout Norwegian schools with increasing traffic numbers

* Open source content and open infrastructure

* Buying, developing, and distributing digital learning materials

* Replacing and supplementing traditional learning resources

* Costs: 44 EUR pr student (20% of total funding for learning recourses), 2 EUR pr student/subject

NDLA: Key to Success

* Secure a public commitment with substantial and long-term financial backing

* The involvement of teachers is essential

* Releasing teachers competence through new challenges

* Licensing, meta data and open formats is key

* Keep momentum

* Don't make something new - integrate with the best

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Addressing the policy gap

* Common phenomenon: Looooong way from the halls of power to the classroom?

* Communication: "10 Commandments for ICT in Education"

* Ensure policy coherence

    * Vertical: Between layers of the system

    * Horizontal

        * Research – policy – practice

        * Curriculum – PD/TT – Assessment

* Reframing the impact debate

* Use curriculum as lever for closing the policy gap

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Scenario deployment and budget challenges

* National scenario deployment must be based on analysis and identification of effective translation and mediation mechanism(s) in each country

* Budget challenges: How can evidence help?

* The impact debate reframed: How can ICT address basic educational challenges in your country (e.g. Literacy and numeracy)

* Innovation is often a social process that requires informed dialogue with all stakeholders

* Last, but not least: ICT in education is linked to the basic mission of education: To prepare learners for life!

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