Uncovering Creativity & Innovation for Learning

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How can we uncovering our students' creativity and innovation for learning?

“Stay hungry, stay foolish.”
Steve Jobs, Stanford commencement, 2005

“We do not need magic to change the world, we carry all the power we need inside ourselves already, we have the power to imagine better.”

I. Leadership in “You”

1. Conventional Leadership
   - Senior, influential, intelligent, high position

2. Personal Leadership
   - Desire of an individual to take care of his/her own challenges
   - One leads one’s life before leading others

How relevant is it to You?

- Lead yourself to:
  - Admit that you don’t know
  - Learn more & seek for information
  - Express idea
  - Be creative & think different!

- Lead your students to:
  - Seek for knowledge & learning experiences
  - Use higher order thinking skills
  - Maximize their full potential

II. Skills for the 21st Century Learning

Skills for work & life long learning
Reference: Partnership for 21st Century Skills

Right Skills for Workforce

Global Citizen

Global competency: Have the skill to adapt, adjust, have the right attitude, value, ethic, multicultural understanding.

III. ICT tool for 21st century teaching & learning

21st Century Learning

CONNECT
- Digital Literacy skill
- Communication skill

CREATE
- Analytical skill
- Problem solving skill
- Creativity & innovation skill

COLLABORATE
- Interpersonal skill
- Teamwork
- Social responsibility
- Accountability

Competency Framework for Southeast Asian Teachers of the 21st Century

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Web 2.0 and Social Network

- YouTube
- iGoogle
- flickr
- facebook
- Yahoo! Games
- Twitter
- VoiceThread
- Rss
- Wikipedia
Naowarat Bamrungchit, 2011

Create new opportunities in teaching & learning
Make learning more interesting & fun
Provide access to resources and experts
Empower students to construct, present, reflect
Engage students in learning
Facilitate network between students
Create social learning communities

Example of practices

Educational Software for subject teaching

Environmental Detective Using wiki
eDLTV: Educational Resources

Thai  English  Science  Physics  Biology  Math  Social Studies  Health

Singapore

Catholic Boy School

Institute of Technology Education
I + II + III

Putting it together to uncover creativity and innovation for learning
New Pedagogical Approaches

1. Learning outside the classroom – real world situation
2. Use Problem-based learning or Project-based learning
   - Begin with a problem & ask the right question
   - No right or wrong answers
3. Coach students to be a team player and contributors
4. Assess in a different way (ex: journal, peer evaluation)

Are you ready?

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