The essential factors of well-organized lecture in the SMART learning environment in Korea.

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Abstract

The concept of the research in Korea about 'good learning' has started from make qualified lecture it has started from late 90's. 'Smart' is being widely used in many fields, even in education field, 'smart learning' is now used by many people. Through the research about 'good teaching', this research tries to find out what is the meaning of good teaching in smart learning environment, which is a new trend in education field.

This research is based on literature review and participant observation. Through the literature review, I've found 4 factors. First, comparison between good lectures from inside and outside of Korea, second, problems of bad teaching, third, smart learning, forth, constructivism. Also this study did participant observation on four classes which have done smart learning.

Through the research, 'good teaching' in smart learning environment in Korea can be defined smooth interaction between teacher and student. To reach this goal, 4 elements, first, self- directedness second, trust and consideration, third, creativity and interesting and forth adaptability are needed.

Keywords: smart learning, good learning, interaction, constructivism

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I. Introduction

The concept of the research in Korea about 'well-organized lecture' has started from make qualified lecture which has started from late 90's. 'Smart' is being widely used in many fields, even in education field, 'smart learning' is now used by many people. Through the research about 'well-organized lecture', this research tries to find out what is the meaning of well-organized lecture in smart learning environment, which is a new trend in education field.

This research is based on literature review and participant observation. Through the literature review, I've found 4 factors. First, comparison between well-organized lecture from inside and outside of Korea, second, problems of bad lecture, third, smart learning, forth, constructivism .Also this study did participant observation on four classes which have done smart learning. Also in order to participant observation I visited 4 elementary and middle school in Korea which are trying to smart learning class.

II. Research procedures

1) Literature review

① Comparison between well-organized lecture from inside and outside of Korea
Self-directed, trust, motivation, adaptation, interaction, creativity, critical thinking and enjoyment are common factor's of the well-organised lecture from inside and outside of Korea.

② Bad lecture vs Good lecture
Compare about bad and good lecture. Class goal aspect, bad lecture focus on gaining knowledge and information but good lecture focus on increasing thinking skills, creativity, problem-solving capability. Contents of class aspect, bad lecture contents based on textbook but good lecture contents based on daily life. Teaching method aspect, bad lecture is competition and so on. However, good lecture is active participation, cooperative learning and so on. And Class evaluation bad lecture is quantitative estimation but good lecture is quality estimation.

Summarize the good lecture's characteristics are upgrade creativity, two way lecture based on teacher-student communication, student's active participation, mutual cooperation and tailor-made learning among individuals, goal-oriented evaluation and collaboration between learning and every life.

③ Smart learning
Concept, definition and factors about smart learning is that. S is self-directed,
M is motivated, A is adaptive, R is resource enriched and T is technology embedded.

④ Constructivism
Core factors about constructivism are interest, relation, decentering, relativity, interdisciplinary and non-debatable feedback.

2) Participant observation

① 12. Nov. 2012. Wolbong middle school(2nd,3rd grade), Cheonan, English class and they used video clip in their class.

② 19. Nov. 2012. Anil elementary school, Daegu (6th grade), Math/Korean class and they used Smart pad, e-textbook, classting.

③ 22. Nov. 2012. Itaewon elementary school, Seoul (4th grade), Social science class and they used Notebook, Smart pad and Me-today.

④ 23. Nov. 2012. Gyeseong elementary school, Seoul (4th grade), Social science class and used Smart pad, classting, Google docs

[Figure 1. Galuxy tab from smart class]

[Figure 2. Smart learning class with smart device]
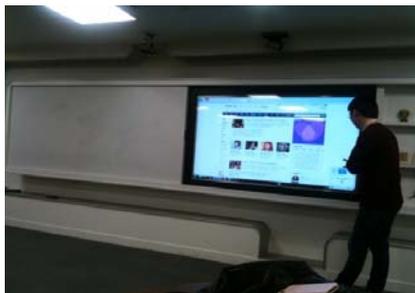
[Figure 3. Smart board from smart class]

III. Results

Through the research, 'well-organized lecture' in smart learning environment in Korea can be defined smooth interaction between teacher and student. To reach this goal, 4 elements, first, self- directedness second, trust and consideration, third, creativity and interesting, and forth adaptability are needed.
Overall, as time goes by, the factors and definitions of well-organized lecture is changing slightly.
Yet, the importance of relationship between students and teacher isn't changed even in smart learning environment. Smart learning environment based on smart device will be a bridge to harden the relationship between students and teacher to make well-organized lecture.