

Early Childhood Teachers' Skills Development in the 21st Century Using Constructivist Learning Method

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and others.**

Problem

- ▶ The lack of quality of early childhood teachers in Thailand (*Suan Dusit Poll, 2011*)
 - ▶ Professional skills
 - ▶ Characteristics and behavior
 - ▶ Virtues Ethics

Causes

Curriculum

- Core Curriculum
- T Based
- Divided Knowledge
- Out-of Curriculum



Training

- Irrelevant
- Lack of Practice
- Unintegrated
- Teacher Centered

What they should be?

- ▶ Thai Qualifications Framework for Higher Education (*OHEC*)
- ▶ E(K+T+L) (*Barber, M. 2008*)
- ▶ 8 Skills of 21st century teacher (*Julawatananonth, M. 2012*)

The 21st Century Teacher

1. Virtues Ethics

2. Life Skill

3. Creative Skill

4. Analytical Skill

5. Communication Skill

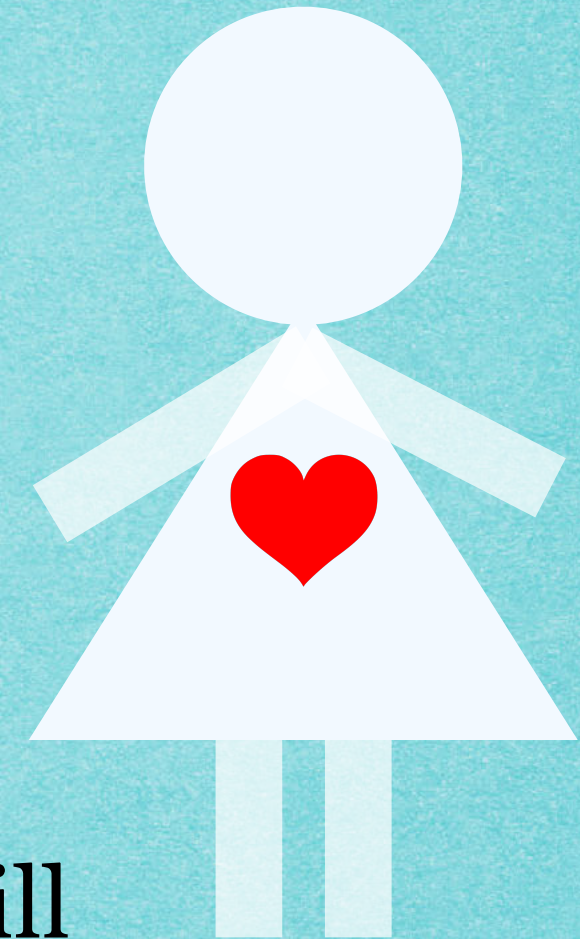
6. Reading Skill

7. Writing Skill

8. Technology Skill

9. Leadership Skill

10. Teamwork Skill



Constructivist Learning Method

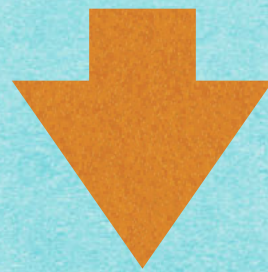
1. Cooperative Learning
2. Authentic Learning
3. Self-Direct Learning

Research Methodology

- ▶ Sample : 142 of First-year teacher students in Supanburi Campus
- ▶ Brain Development in Early Childhood
- ▶ Personality and Competency for Early Childhood Teachers
- ▶ Folk-tales and children Literature

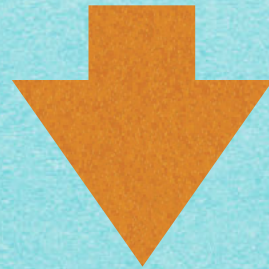


1. The students' satisfaction on learning and teaching activities based on Constructivist Learning Model



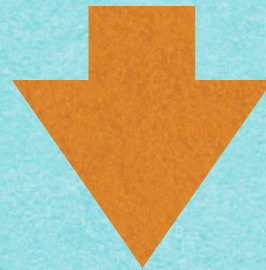
The student's satisfaction form

2. The Early Childhood Teachers' skills in the 21st Century acquired from the teaching and learning activities (10 skills).



The self-assessment inventory on early childhood teachers' skills in 21st century

3. The students' learning achievements



- The achievement test
- Students' behavior observation form
- Students Portfolio





Results

- ▶ The students' satisfaction were in high level :
Introduction & Classroom Activities
- ▶ 10 Skills were acquired in high level : Virtues
Ethics (Highest = 4.37) >> Technology Skill
(Lowest = 4.18)
- ▶ The students' achievements in each course were
in average to high level.

Conclusions

The results showed the 10 skills were in high level

= Cognitive Domain

= Effective Domain

= Psychomotor Domain (*Bloom, et al. 1956*)

Thank you