



Program Book

B.61

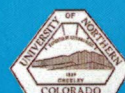
INTERNATIONAL CONFERENCE *on* **EDUCATIONAL RESEARCH AND INNOVATION (ICERI 2013)**

**Strengthening the Ties
Between Education and Research**

May 16 -17, 2013 UNY Hotel Yogyakarta State University



Organized by :
Institute of Research and Community Service
Yogyakarta State University



COLLECTIVE TEAM-EFFICACY AS MOTIVATING POTENCY FOR GROUP LEARNING: A CASE STUDY OF DIGITAL TECHNOLOGY ASSISTED STRUCTURED THINKING WORKSHOP AT A CENTRAL JAVA ORPHANAGE HOUSE

Jap TjiBeng, PhD.^{1), 3)}, Sri Tiatri, PhD.^{2), 3)}, Edo Sebastian Jaya, Psi, M.Psi^{2), 3)}, Retha Arjadi, Psi, M.Psi^{2), 3)}

¹⁾Faculty of Information Technology, Tarumanagara University, ²⁾Faculty of Psychology Tarumanagara University,

³⁾Science, Technology and Society Research Group, Tarumanagara University

t.jap@untar.ac.id, sri.tiatri@untar.ac.id, edojaya@hotmail.com, retha.arjadi@gmail.com

Abstract

Orphanage houses in Central Java adopted the concept of self manage life style in every day's activities. The children and adolescents needed more uncovered to the concept of structured thinking in group collaboration for their learning activities. Digital Technology would be the strong candidate for era-suitable media for learning.

One session of a Digital Technology assisted structured thinking workshop was conducted. The session was designed to instigate curiosity and motivating group learning through the aid of Digital Technology. This research aimed to understand the process of learning happened within a large group of orphans (called as the class). Participants were 59 female orphans aged 9 to 21 from the chosen public orphanage house. Data was collected through observations, interviews, analysis of classroom interaction, and the evaluation of the participants' product in their worksheet.

The results showed the occurrence of a systematic process of learning within the individuals, groups, and the whole class during the completion of the task assigned. Collective team-efficacy built during the workshop, had become important motivating potency for the group learning. This research deepened the understanding of classroom learning, specifically when applying Bandura's spontaneous cooperative group learning approach.

Keywords : Learning, Digital Technology, Collective Team-Efficacy, Spontaneous Cooperative Group Learning, Workshop

