

UTILIZATION OF GOOGLE CLASSROOM IN THE DESIGN OF FLIPPED CLASSROOM LEARNING TO EMPOWER THE RESULTS OF LEARNING COGNITIVE AND INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) LITERACY

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ABSTRACT

This study aims to: 1) Determine the effect of applying the reverse class room model with the assistance of google class media on the learning outcomes of students in the cognitive domain of students on the respiratory system material in humans, 2) Knowing the effect of applying the reverse class room model assisted by google class media on the ability of participants ICT Literacy of students on respiratory system material in humans, 3) Knowing the effect of applying the reverse model to the classroom with the help of class google media on learning outcomes in the cognitive domain and the ICT abilities of students on respiratory system material in humans. The research method that will be used is experimental research with the design Nonequivalen Control Group Design. The study used two classes, namely the experimental class and the control class, each class was given a pre-test and post-test. The instruments used were written test questions to measure cognitive abilities, and research questionnaires to measure ICT literacy. The target outputs that will be obtained from this research are: 1) International journal, and 2) Lecture Module for ICT-Based Science Learning Media.

Kata Kunci: *Flipped Classroom, Cognitive Learning Outcomes, ICT Literacy.*