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Implementation of TaRL Approach by Utilizing Canva Media to Improve Students' Collaboration Skills and Learning Outcomes in Science

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ABSTRACT

Objective: This study aims to improve collaborative skills and student learning outcomes in science subjects by using the teaching at the right level (TaRL) learning approach by utilizing Canva media in the learning process. **Method:** The research method used was classroom action research involving 32 students of class 8B at Junior High School 3 Madiun. The research stage uses the Kemmis & Mc. Taggar model. The survey was conducted in two cycles. Each cycle consists of two meetings including the stages of planning, implementation of actions, observation and reflection. The data sources used in the study are observations during learning, tests, and learning evaluation results. **Results:** Showing a positive impact of learning using the TaRL approach by using Canva learning media, especially on collaborative skills and student learning outcomes. The results of observation and evaluation showed an improvement in collaboration skills and learning outcomes after implementing the TaRL approach through Canva's learning media. **Novelty:** This research has a novelty because the use of the TaRL approach with Canva media will bring out students' creativity so that cohesiveness with the team is established, design learning that allows students to obtain learning concepts, and make it easier for teachers to apply this approach in science learning.

INTRODUCTION

The education system in Indonesia has undergone changes in recent decades. One of the essential reasons for curriculum changes in Indonesia is the student and technology aspects, therefore the Independent curriculum was created. The independent curriculum is a curriculum that focuses on diverse learning with essential materials to support the learning experience of students. The main goal of the independent curriculum is to use technology as much as possible to develop every unique ability possessed by students (Zidan, 2023).

One of the interesting things about the discussion of the Independent Curriculum is the characteristics of flexibility, teachers are given the freedom to be able to differentiate learning according to the ability of students, especially in science learning. Through science learning provides students with the opportunity to construct their own concepts, providing hands-on experience to explore and understand the surrounding nature scientifically. The science learning process emphasizes providing direct experience to develop competencies to explore and understand the environment scientifically. Science includes knowledge materials, skills, and attitudes that need to be mastered by students (Arikunto, 2021). However, there are still many writers who encounter differences in understanding between students in the classroom. Teachers need knowledge about teaching methods because the success or failure of students in learning in the classroom depends on the right choice of method

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