DEVELOPMENT OF SCIENCE LEARNING DEVICES IN PRIMARY SCHOOLS FOR SLOW LEARNER TO IMPROVE STUDENT INTERESTS ON SCIENCE LEARNING

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ABSTRACT

This study aims to produce science learning devices for children with special needs an effective slow learner to increase students' interest towards learning science.

This study was designed using the Research and Development (R & D) adapted from Plomp (2001), which consists of five stages of five stages, namely (1) the initial investigation, (2) design or design (3) the realization, (4) test, evaluation and revision, and (5) implementation phase (Rochmad, 2011). Trials are carried out in a class with the child slow learner. Sources of data in this study are Children with Special Needs slow learner, companion teacher, and class teacher. Data collection uses observation, ability tests, interviews, and recording. The instruments used in this study were observation sheets, interview guidelines, and test questions. Data obtained through assessment instruments at the time of the trial were analyzed using descriptive statistics and then converted into qualitative data with a scale of 5 to determine the quality of the product according to the formula Eko Putro Widoyoko (2011).

The results of this study are science learning devices for children slow learner who is able to generate interest with a score of 7 and the level of "good". The device is equipped with a plan for implementing learning and learning media.

Kata Kunci: *Science Learning Devices, Slow Learner Children, Interests*