

ABSTRACT

Nurrahmi Razak. 2013. *Learning Tools Development Junior Science Using Approach PAKEM Integration of Character Education On Sound Material.*

This research aims to produce a learning device by applying approach PAKEM integration of character education on the sound material, in the Junior High School (JHS) which consist Syllabus, Implementation Plan of Learning (IPL), Student Worksheet (SW), Subjects, Tests Learning Outcomes (TLO), Instrument Rating Character Students, Student Activity Sheets Observations and Observation Sheet carrying out IPL. The process of develop this device using 4D software development model (Define, Design, Develop and Disseminate) is Defining, Designing, Development and Deployment. The results obtaining by using this form of learning device validation. The Learning tools has been validated by a 2 validator which consists of 2, 1 lecturer at the department of Physic and 1 supervisor that I stating that the development of learning tools develop by research with an approach of PAKEM to integrate Character Education PAKEM have good quality and worth using in the teaching-learning process in schools

Keywords: Learning Tools Development, Approach of PAKEM, Character Education, 4D.