

DEVELOPMENT MODEL OF CARE ATTITUDE TOWARDS THE ADIWIYATA SCHOOL THROUGH SCIENCE LEARNING USING PEDAGOGY FOR SUSTAINABILITY TO GROW THE ENVIRONMENTAL LITERACY OF STUDENTS.

by Susilowati, Insih Wilujeng, Purwanti Widhy H.

ABSTRACT

ABSTRACT

The purpose of this study was to produce learning devices with pedagogy for sustainability as a model for developing environmental care attitudes towards expertly validated adiwiyata schools and worthy of being tested in schools. The research design used was development research (Research and Development) referring to the Borg and Gall model (1983: 775) with Dick Carey instructional model. The data collection technique used in this study is the assessment of learning device products with pedagogy for sustainability (lesson plan, worksheet, assessment instruments). Data were analyzed qualitatively and quantitatively. This study succeeded in developing pedagogy for sustainability science-based learning tools as a model for developing environmental care attitudes towards expertly validated adiwiyata schools in good categories. The device developed has characteristics that contain pedagogy for sustainability and the potential to foster environmental literacy towards adiwiyata schools. The components of pedagogy for sustainability contained in learning tools include: (1) system thinking and understanding of interconnectedness, (2) longterm, foresighted reasoning, and strategizing, (3) stakeholder engagement and group collaboration, (4) action orientation and change- agent skills.

Kata Kunci: science learning devices, pedagogy for sustainability, environmenta literacy, Adiwiyata School