Development of Science Learning Innovation Based on NoS (Nature of Science) for Sustainable Development Using TESI (Technology Embedded Scientific Inquiry) to Foster the Skills and Character of Junior High School Students in the 21st Century

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ABSTRACT

This research aims to develop science learning innovations based on Nature of Science for sustainable development using TESI (Technology Embedded Scientific Inquiry) in the form of science learning tools to foster essential skills and characters in the 21st century. The products in this study are in the form of learning designs and limited trials of these designs. . The research method used to develop the design is an adaptation of the Research and Development model according to Borg & Gall (1983: 775). Data collection techniques used in this study include the assessment of learning design products based on Technology Embedded Scientific Inquiry. The data will be analyzed descriptively to determine the feasibility of the product.
The results of this study are the learning equipment products consisting of RPP and LKPD. After being validated, the RPP was in the good category, and the LKPD was in the very good category. This product is suitable for use in learning

Kata Kunci: *Nature of Science for sustainable development, Technology Embedded Scientific Inquiry (TESI)*