

Development of Web-TPCK Tools to Improve Pedagogical Competence of Science Teachers in Middle School

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ABSTRACT

This study aims to develop a WEB-TPCK tool for valid junior high school science teachers (Year I). WEB-TPCK development results will be trialled at junior high school science teachers as a form of training to improve professional and pedagogical competence of junior high school science teachers (Year II). The research was a development research with the subject of the trials being the Yogyakarta Middle School Natural Sciences teachers (Limited Trial) and the Natural Sciences teachers in Central Sulawesi (Field Test). The research instrument was the product assessment sheet (WEB-TPACK Tool), observation sheets, questionnaires and documents. The results of the study are obtained web-TPCK that is feasible and effective in improving the pedagogical ability of junior high school science teachers

Kata Kunci: *development, website, TPCK, pedagogy*