## RESPONSIBILITY LEARNING MODEL FOR IMPROVING COLLABORATIVE SKILLS AND HEUTAGOGY METHODS

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## **ABSTRACT**

This study aims to develop a responsible learning model to improve collaborative skills and heutagogy methods in PJOK subjects. The specific objectives to be achieved are: (1) Testing the responsibility learning model, and (2) Testing the effectiveness, efficiency, and attractiveness of the responsibility learning model. The product specifications developed are in the form of a model syntax consisting of: syllabus, lesson plans, URL links, methods and learning media.

The research method used is Research and Development (R&D). The development model used follows the ADDIE (Analysis-Design-Develop-Implement-Evaluate) model from Reiser and Mollenda. The stages of the model consist of: 1) The first stage of analysis is in the form of a preliminary study and needs analysis that aims to analyze the needs of teachers for the importance of developing a responsible learning model; 2) The second stage of design consists of a draft model based on preliminary research, model fit test, and a hypothetical model carried out through observation, theoretical study, and Focused Group Discussion (FGD) involving 25 middle school teachers and four lecturers; 3) The develop stage is the development of a model that is validated by experts (validity), model testing (practicality and effectiveness), and the final model through an effectiveness test using the one group pre-test post-test experimental method; 4) The implementation phase in the form of limited model implementation will be carried out at SMPN 1 Nglipar; and 5) The evaluation stage is carried out by evaluating the model using the Tool for Assessing Responsibility-Based Education (TARE), with 28 questions.

The results of this study are as follows. (1) Product development in the form of a proper or valid responsibility learning model to improve collaborative skills and heutagogy methods in PJOK subjects. The responsibility learning model has a clear specification of objectives, characteristics, components, instruments, syntax, and implementation guidelines. (2) The development product in the form of a practical responsibility learning model is used to improve collaborative skills and the heutagogy method in PJOK subjects. The practicality of the responsibility learning model is shown by the implementation of PJOK learning. (3) The product in the form of an effective responsibility learning model is used as PJOK learning in junior high schools to improve collaborative skills and heutagogy methods in PJOK subjects. This is evidenced by the results of the effectiveness test that the responsibility learning model has a significant influence on the collaborative skills variable and the heutagogy method. Mandatory outputs: Research articles (accepted) in the Journal of Positive School Psychology, Turkey, Scopus Q2, SJR: 0.64, 2) Additional outputs: PUPT products are in the form of a responsible learning model.

Kata Kunci: Learning Models, Responsibility, 21st Century Learning, Collaborative Skills, Heutagogy