

ABSTRACT

This research is research on the development of biology learning media in the form of Ludo Based on Science Process Skills (KPS) in class VIII respiratory system material. This research uses a development method (Research and Development) by applying the Rowntree development model which consists of 3 stages, namely the planning, development and evaluation stages. However, this research did not use Rowntree evaluation but instead used Tessmer evaluation which consisted of self evaluation, expert review, one to one, and small group. This research aims to produce valid and practical learning media. This research was carried out at SMPN 57 Palembang in October-November 2023 with a population of class VIII.3 students. The data collection technique was carried out by conducting observations, interviews and questionnaires which were given to 4 validators, namely material experts, language experts, media experts and KPS experts. Practicality questionnaire 1 science teacher, 3 students (one to one trial), 20 students (small group trial). The research results show that Ludo learning media based on science process skills has been validated by four validators with presentations from material experts 92%, language experts 95%, media experts 85% and KPS experts 91%. Meanwhile, the results of the practicality test on teaching staff, one-to-one and small groups showed that the average of the questionnaire was 82%. From the results of this research, it is concluded that the use of Ludo learning media is very valid and very practical to use as a biology learning media.

Keywords : *Ludo, KPS, Learning Media*