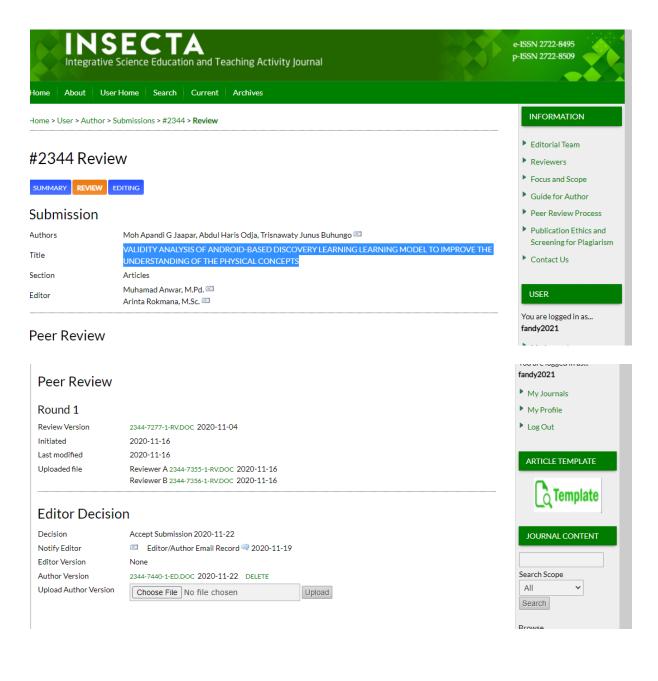
## 12. VALIDITY ANALYSIS OF ANDROID-BASED DISCOVERY LEARNING LEARNING MODEL TO IMPROVE THE UNDERSTANDING OF THE PHYSICAL CONCEPTS.

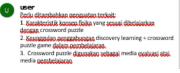


Journal of Science Education and Integrative Teaching Activities
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Article
VALIDITY ANALYSIS OF ANDROID-BASED DISCOVERY LEARNING LEARNING MODEL
TO IMPROVE THE UNDERSTANDING OF THE PHYSICAL CONCEPTS

Article Info	ABSTRACT
Article history: Received: Month XX, 20XX Published: Month XX, 20XX	This study aims to determine the validity of the discovery learning model assisted by android-based crossword puzzle media in order to see the improvement in the concept of physics. This increase can be seen from the results of the
Keywords: Discovery Lexuizz, Understanding Physics Concepts	validity of the instrument whether or not the instrument used is feasible. This research method is development research (Dovelopmental Research) with the development design of Kemp et al (1994) which consists of (1) instructional problems, (2) learner charity, (3) task analysis, (4) instructional, (5) content sequencing, (6) instructional strategic, (7) instructional delevery, (8) evaluation instruments, and (9) instructional response. The results obtained through two validator experts, the validated device was included in the very valid criteria, so it could be concluded that the instrument was very suitable for use.

## Preliminary

The vision of national education is the realization of an empowering and empowering institution so that the Indonesian people develop into qualified education. Baharudin (2010) explains that technology is a large umbrella covering most of the technical equipment for processing and conveying information. The



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