

DEVELOPMENT LEARNING MEDIA OF CONTEXTUAL-VODCAST ON STOCHIOMETRY

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ABSTRACT

The aim of the research is to design and develop a vodcast based on a contextual approach that contains chemistry learning material and examines the quality of products that have been developed. Design of the research are Richey & Klein developmental research type 1. Stages of research include the analysis phase, prototype development, prototype revisions and limited trials. The results of the research research were Vodcast on stoichiometry material for senior high school students. This product contains an explanation of the material along with examples of practice questions in .mp4 format with 720 pixel quality. The video duration is 6 - 10 minutes uploaded to the youtube account with the link https://www.youtube.com/channel/UCtjEwlsjnFQ9NeAOwrOlf_A/videos. Based on the results of the reviewer vodcast assessment based on the contextual approach got an average score of 89.5 with a maximum score of 105 so that it is included in the Very Good category, while the student test results 76.61% of students agree. Then the source of independent learning based on the contextual approach using vodcast on stoichiometric material as a whole is worthy of being used.

Kata Kunci: *Vodcast, Contextual Approach, Stochiometry*