

# **IMPROVING UNDERSTANDING CONCEPTS AND CREATIVITY STUDENTS VOCATIONAL SECONDARY SCHOOL ABOUT CELLS THROUGH THE MULTIMEDIA PROJECTS**

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## ***ABSTRACT***

*Multimedia in learning in Indonesia has been much used and applied teachers to help students in understanding various a concept in a wide range of subjects. But in the field, multimedia are only aired so, so learning experience obtained by students only just watch. Research is aimed to increase the potential benefits of the multimedia in improve understanding the concept and creativity student learning the concept cells with a gracious a chance students for more extending creativity available through the provision of video. With get the experience to direct plunge into the learning students will be maximize potentials that is in the student, so that students will more inclined to deepen matter learning. This research using methods a quasi experiment with his subjects were 54 research people who come from class x and divided into two classes, class control and class experiment. Students at control class will get learning experience video of his prepared by teachers, while class experiment will get learning experience as a video with learning model based learning project. Data research results obtained from a test understanding the concept of students, rubric the creative products on the creativity students and rubric the project students. The result of research showed that the increase in understanding the concept, creativity student learning higher happened to class who makes video than a class just watch video.*

***Keywords:*** *Understanding Concepts, Creativity, Multimedia*