

## ABSTRACT

Dewi Wulan Agustiani. 2017. **The use of Media-based learning, Interactive Multimedia visuals to enhance student understanding of the material on the system of the human senses.**

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This research aims to prove the increased understanding of the concept of using Multimedia Interactive Visual on the material of the human sensory system in high school. The population of this research is the grade XI IPA SMA 3 Bandung Pasundan, namely class XI IPA with the number of students as much as 32 people. The methods used in this research is the Quasy-experiment with the design of One-Group Pretest-Posttest Design without any control class. Diuikur aspects in this research is the understanding of the concept of the student and the student's response. Instrumenya either be 25 multiple choice question to measure cognitive domain and non-test to find out students ' response toward learning using Interactive Multimedia Learning Visual media. The results of this research data processing showed significant differences between students before learning with Multimedia Interaktif Visual and after students Learning with Multimedia Interactive visuals. Then it can be said the use Learning of Multimedia Interactive Visual media in learning IPA on the subject matter of the human sensory system can increase understanding of students.

Keyword : Understanding Concept, Multimedia Interactive Visuals, The Human Sense System