

ABSTRACT

DEVELOPMENT OF STUDENT'S BOOK SUPPLEMENT USING MIND MAPPING BASED ON SCIENTIFIC APPROACH

By

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The result of interview and questioner showed that SMA Al-Kautsar needed interesting student's book for reading, making engage students more actively, and improving their quality of memorize. Therefore, development research has been done in SMA Al-Kautsar. The purpose of this research is to develop student's book supplement based on scientific approach using mind mapping. The research and development modify instructional media development procedures of Sadiman, et al consist of design expert test and material expert test; interesting test, easier test, usefulness test; and effectiveness test. The final product is the student's book supplement using mind mapping scientific approach based on Newton's law of second. The conclusion is the student's book supplement based on scientific approach and Newton's law of the second using mind mapping with the interesting, easier, useful, and effective in learning.

Key words: Newton's law of second, mind mapping, scientific approach, student's book supplement