

ABSTRACT

DEVELOPMENT OF A SCIENTIFIC APPROACH BASED WORKSHEET OF SCIENCE FOR GRADE VII OF JUNIOR HIGH SCHOOL IN BANDAR LAMPUNG

**By
Dewi Niken Ariyanti**

Objectives of this study are to (1) analyze the potential and condition to develop a scientific approach based worksheet in Science, (2) describe the process of development of worksheet in Science, (3) produce a scientific approach based worksheet in Science, (4) analyze the effectiveness of worksheet in Science, (5) analyze efficient use of worksheet worksheet in Science, and (6) analyze the attractiveness of worksheet in Science. This research employed research and development design. It was conducted in several of Junior High School in Bandar Lampung. Data was collected by using tests and questionnaires. They were analyzed qualitative descriptively. The conclusions of research are: (1) It is potential to develop a scientific approach based worksheet of Science in Junior High School in Bandar Lampung, (2) the development of worksheet are done by conducting a study theoretically and empirically, the results were validated by some experts in the aspects of content, media, linguistics and instructional. Therefore, they are revised based on the suggestion of the experts then they were examined individually, small scale group and large scale group, (3) being produced a scientific approach based worksheet in Science, (4) effectiveness of the worksheet with the average gain 0,79, (5) efficiency of the worksheet is 1,32, (6) the worksheet is attractive to use with the value of 80%.

Key word : Science, scientific approach, worksheet