ABSTRACT

DEVELOPING LEARNING MEDIA OF READ ENGINEERING DRAWINGS COMPUTER BASED TO IMPROVE STUDENT ACHIEVEMENT at SMK N 2 WONOSARI

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Development of learning media Read Engineering Drawings computer based aims at improving student achievement at SMK N 2 Wonosari. The specific purposes of this development learning media are : (1) to produce the learning media read engineering drawings computer based, (2) to determine the feasibility of learning media read engineering drawings computer based, (3) to examine the effect used of learning media read engineering drawings computer based and modules for learning student achievement Machanical Class X SMK N 2 Wonosari.

The method is Research and Development. This method began the observation of the potential and problems, data collection, product design, design validation, 1st revision of the product, response test, 2nd revision of the product and finally trial used of the product.

The results development of learning media Read Engineering Drawings computer based showed that: (1) The learning media read engineering drawings computer based with three main parts, the opening, the main part (introduction, materials, evaluation, reference, and profiles) and the closing, (2) Feasibility of the learning media computer-based was very good. The assessment consisted of matter experts was 76%, 88% of media experts; 85.2% of limited response test and 82.45% of wide response test, (3) The calculation showed that the t-test bigger than t-table (2.00 < 6.47), then there was a difference in learning achievement between students who use the media computer-based with the module on learning material of Read Mechanical Drawing.

Keywords: Learning Media, Read Engineering Drawings, SMK N 2 Wonosari.