

## **ABSTRACT**

### **DEVELOPMENT OF LEARNING LEARNING MODULE PROJECT BASED LEARNING MATERIAL CRAFTS OF FIBER AND TEXTILE TO INCREASE LEARNING RESULT PARTICIPANTS CLASSIFIED VII**

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This research aims to; (1) to know the process of developing teaching materials of project based on project based learning module of fiber and textile handicraft, (2) to produce product development of learning material based on project based learning material of fiber and textile craft, (3) to test the effectiveness of project based workshop module learning material of fiber and textile craft, (4) testing the efficiency of workshop module based on the project of learning material of fiber and textile craft, (5) testing the appeal of project workshop based on learning material of fiber and textile craft. Research development using Borg and Gall stages. Research subjects are represented by three schools, namely SMP Negeri 23 Bandar Lampung, SMP Negeri 9 Bandar Lampung, and SMP Negeri 12 Bandar Lampung. Through expert validation test, instructional material of project based learning based learning module is very feasible to use, 95% and 90% feasibility test result. Through field test the effectiveness level of learning shows the average value of normalized gain 0.77. The level of efficiency of instructional materials of the module shows an average of 1.29 based on time comparison with efficient category  $> 1$ . There are 88.37% of the test results of the teaching materials of the module, meaning  $> 81\%$  of the attractiveness requirements are met. The module product was able to increase the postes average value to the pretest by 14.5 (from the average of 73.7 to 88.2).

**Keywords:** module, workshop, project based learning, handicraft, textile fiber

## ABSTRAK

### **PENGEMBANGAN MODUL PEMBELAJARAN PRAKARYA BERBASIS *PROJECT BASED LEARNING* MATERI KERAJINAN SERAT DAN TEKSTIL UNTUK MENINGKATKAN HASIL BELAJAR PESERTA DIDIK KELAS VII**

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Penelitian ini bertujuan untuk; (1) mengetahui proses pengembangan bahan ajar modul prakarya berbasis *project based learning* materi kerajinan serat dan tekstil, (2) menghasilkan produk pengembangan bahan ajar modul prakarya berbasis *project based learning* materi kerajinan serat dan tekstil, (3) menguji efektivitas modul prakarya berbasis *project based learning* materi kerajinan serat dan tekstil, (4) menguji efisiensi modul prakarya berbasis *project based learning* materi kerajinan serat dan tekstil, (5) menguji daya tarik modul prakarya berbasis *project based learning* materi kerajinan serat dan tekstil. Penelitian pengembangan menggunakan tahapan Borg and Gall. Subyek penelitian terwakili oleh tiga sekolah, yaitu SMP Negeri 23 Bandar Lampung, SMP Negeri 9 Bandar Lampung, dan SMP Negeri 12 Bandar Lampung. Melalui uji validasi ahli, bahan ajar modul prakarya berbasis *project based learning* sangat layak digunakan, hasil uji kelayakan 95% dan 90%. Melalui uji lapangan tingkat efektivitas pembelajaran menunjukkan nilai rata-rata *gain* ternormalisasi 0,77. Tingkat efisiensi bahan ajar modul menunjukkan rata-rata sebesar 1,29 berdasarkan perbandingan waktu dengan kategori efisien >1. Terdapat 88,37% hasil uji daya tarik bahan ajar modul, artinya >81% syarat kemenarikan terpenuhi. Produk modul mampu menaikkan nilai rata-rata postes terhadap pretes sebesar 14,5 (dari rata-rata 73,7 menjadi 88,2).

**Kata kunci:** modul, prakarya, *project based learning*, kerajinan, serat tekstil