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25

**Pemanfaatan Adobe Flash Dengan Pendekatan Konstruktivis  
Dalam Meningkatkan Efektifitas Pemahaman Materi  
Pelajaran Fisika Di Smk Siti Banun**

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**Abstract**

With the development of an increasingly technological era that greatly affects all sectors, both the economy, tourism, especially education, this does not rule out the possibility that all of us must exist and continue to compete in increasing scientific knowledge to make superior human resources towards a golden Indonesia in 2045. In Law No. 20 of 2003, improving the quality of education is directed at improving the quality of Indonesian people as a whole through heart, thought, exercise, and sports in order to have competitiveness in facing global challenges. This study aims to innovate learning media using a digital system, namely Adobe Flash so that the learning process further increases student motivation, especially to complete the test questions given. The method used is waterfall. The data used are the results of interviews from students who have been collected before using the application and after using the application in solving problems. Based on the results of student interviews, it was concluded that in solving problems using the application, they were more enthusiastic and eager to try because they immediately knew the results of the scores they were doing, both true and false scores. So, from this study, the conclusions obtained are to increase effectiveness in learning, especially solving questions about the need for special learning innovations for tests using digitalization technology, namely Adobe Macromedia Flash.