ABSTRACT

DEVELOPMENT OF LEARNING CYCLE MODEL ON TWO VARIABLES LINEAR INEQUALITIES AT TENTH GRADE OF SMK BANDAR LAMPUNG

By

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This research aimed to: (1) describe school’s potency and condition, (2) produce syntax of learning cycle model and student worksheet (LKS) (3) analyze the effectiveness of learning cycle model usage and students worksheet (4) analyze the efficient of learning cycle model usage and student worksheet (5) analyze the attractiveness of learning cycle model and student worksheet.

This research is development research. Subject of research are student of SMKN 1 Bandar Lampung, SMKN 3 Bandar Lampung, SMKN 4 Bandar Lampung. To collecting the data techniques was done by observation, questionnaires and test. The research data was analyzed by quantitative t-test by z score and qualitative.

This Result of research are: (1) schools’ potency and condition supported to develop learning model, (2) to produce syntax of learning cycle model which consists of seven stages, they are (a) elicit, (b) engage, (c) explore, (d) explain, (e) elaborate, (f) evaluate, (g) extend which supported by students worksheet. (3) effective product was used as a learning model because z score 0,46 was lower than z table 0,64 (4) efficiency product score was 1,5 , it is higher than efficiency criteria which is about 1 (5) percentage of attractiveness achieve 83,5 % by attractiveness criteria.

Keywords: cycle learning, learning model, inequalities material