

PLAGIAT MERUPAKAN TINDAKAN TIDAK TERPUJI

ABSTRACT

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The aim of this research is to describe mathematics teaching and learning methods on quadratic function topic at tenth grade of SMA Negeri 6 Yogyakarta. Mathematics teaching and learning method is a series of steps done by teacher to reach the teaching and learning goal.

This is a qualitative-descriptive research. Collected data is a qualitative data that related with teaching and learning methods in class. This data were collected during eight meeting of teaching and learning implementation. This data collection was done by recording teaching and learning activity in each meeting using handycam. Collected data was analyzed of following procedure: (i) data transcription, by translating recorded data into written narration, (ii) deciding topic data by making short description about parts of data that contained same meaning researched, (iii) categorizing data by comparing data topics then determine represented abstract idea, (iv) drawing conclusion. The subject of this research is mathematics teacher of class X-5 SMA Negeri 6 Yogyakarta.

The result of this research is mathematics teaching and learning methods for each meeting. In general, the characteristic of teaching and learning methods during eight meeting has are as the following: (i) the teacher was always do orientation activity at the beginning of each meeting, (ii) the teacher was not always presenting new material in every meeting, (iii) the teacher was always presenting problem example in each meeting, (iv) the teacher was not always do problem exercise activity in each meeting, (v) the teacher was giving homework only in several meetings, (vi) the teaching and learning goals for each meeting was not always reached.

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