

Nila Wulandari
13422013

Dosen Pembimbing
I. Dr. Irwani Zawawi
II. Fatimatul Khikmiyah, M. Sc

**KEMAMPUAN PEMAHAMAN KONSEP MATEMATIKA PESERTA
DIDIK DENGAN MENGGUNAKAN MODEL PEMBELAJARAN
STUDENT FACILITATOR AND EXPLAINING PADA MATERI SEGI
EMPAT DI MTS. NURUL ISLAM PONGANGAN MANYAR GRESIK**

Abstrak

Kemampuan pemahaman konsep matematika dapat dilihat dari beberapa indikator. Namun banyak peserta didik yang kurang mengembangkan kemampuan pemahaman konsep dalam menyelesaikan masalah matematika yang berkaitan dengan materi segi empat. Faktor penyebab kurangnya kemampuan pemahaman konsep peserta didik terletak pada pembelajaran yang belum tepat. Penelitian ini bertujuan untuk mendeskripsikan kemampuan pemahaman konsep matematika peserta didik dengan menggunakan model pembelajaran *Student Facilitator and Explaining (SFaE)* di MTs. Nurul Islam Pongangan.

Penelitian ini merupakan jenis penelitian deskriptif kuantitatif. Penelitian ini dilaksanakan di kelas VII-A MTs. Nurul Islam Pongangan sebanyak 25 peserta didik tahun pelajaran 2017/2018. Metode yang digunakan adalah metode tes. Metode tes digunakan untuk mengukur kemampuan pemahaman konsep peserta didik pada materi segi empat melalui pembelajaran *Student Facilitator and Explaining (SFaE)*.

Berdasarkan hasil analisis data, dapat diketahui kemampuan pemahaman konsep peserta didik dengan kategori sangat baik sebanyak 7 peserta didik atau dengan persentase 28%. Dan kategori baik sebanyak 18 peserta didik atau dengan persentase 72%. Jadi diperoleh kesimpulan bahwa kemampuan pemahaman konsep matematika peserta didik kelas VII-A MTs. Nurul Islam Pongangan dengan menggunakan model pembelajaran *Student Facilitator and Explaining (SFaE)* tergolong baik dengan rata-rata nilai kemampuan pemahaman konsep sebesar 79,14 %.

Kata Kunci: kemampuan pemahaman konsep matematika, model pembelajaran *Student Facilitator and Explaining (SFaE)*

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**ABILITY OF COMPREHEND THE CONCEPT OF PARTICIPANT
MATH EDUCATED BY USED LEARNT MODEL STUDENT
FACILITATOR AND EXPLAINING (SFAE) IN RECTANGULAR
MATERIAL IN MTS. NURUL ISLAM PONGANGAN.**

Abstrak

Ability to comprehend the concept of mathematics can be seen from several indicators. But many learners were less develop the ability of conceptual understood in solved mathematical problems related to rectangular material. Factors cause lack the ability to understood the concept of learners lies on learnt that was not been right because of it this studied aims to describe the ability of comprehend the concept of participant math educated by used learnt model Student Facilitator and Explaining (SFaE) learning model in MTs. Nurul Islam Pongangan.

This research was used descriptive quantitative research. This research was conducted in class VII-A MTs. Nurul Islam Pongangan as many as 25 students of the school year 2017/2018. Which method used was test method. The test method was used to describe the ability of understood mathematical concepts in rectangular material through Student Facilitator and Explaining (SFaE) learning.

Based on the results of the analysis, it can be known the ability of understanding with very good category amounted to 7 with a percentage of 28%, and good category amounted to 18 with a percentage of 72%. The conclusion that the ability to understand the concept of mathematics learners class VII-A MTs. Nurul Islam Pongangan used Student Facilitator and Explaining (SFaE) learning model was good with average value of concept comprehension ability of 79,14 %.

keyword: Ability to comprehend the concept of mathematics, Student Facilitator and Explaining (SFaE) learning model