

ABSTRAK

Haris, Fingky Yunita, 2019. Pengaruh Model Pembelajaran *Realistic Mathematics Education* (RME) Terhadap Hasil Belajar Matematika di SMP Negeri 3 Taman. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing: (1) Dr. Sunyoto Hadi P, S.T., M.Pd. (2) Eka Susilowati, S.Si., M.Sc.

Kata Kunci : *Model Pembelajaran Realistic Mathematics Education dan Hasil Belajar Matematika siswa.*

Penelitian ini merupakan penelitian dengan desain *Posttest-Only Control Design* untuk mengetahui Pengaruh Model Pembelajaran *Realistic Mathematics Education* (RME) Terhadap Hasil Belajar Matematika Siswa Materi Persamaan Linear Satu Variabel (PLSV) di SMP Negeri 3 Taman Sidoarjo. Hipotesis yang diajukan dalam penelitian ini adalah “Pengaruh Model Pembelajaran *Realistic Mathematics Education* (RME) Terhadap Hasil Belajar Matematika Siswa di SMP Negeri 3 Taman Sidoarjo”.

Populasi penelitian ini adalah seluruh siswa kelas VII tahun ajaran 2018/2019 SMP Negeri 3 Taman Sidoarjo. Peneliti mendapatkan kelas VII H sebagai kelas eksperimen dan kelas VII A sebagai kelas kontrol yang diperoleh dengan teknik random sampling.

Hasil penelitian ini diperoleh nilai $t_{hitung} = 5,15$ dan nilai $t_{tabel} = 1,997730$ dengan taraf signifikan 5%. Karena $t_{hitung} > t_{tabel}$ berarti H_1 diterima. Dari hasil penelitian dapat disimpulkan bahwa ada pengaruh model pembelajaran *Realistic Mathematics Education* (RME) terhadap hasil belajar matematika siswa di SMP Negeri 3 Taman sidoarjo.

ABSTRACT

Haris, Fingky Yunita, 2019. The influence of the *Realistic Mathematics Education* (RME) learning model on mathematics learning outcomes in public junior high school 3 Taman. Mathematics Education Department, Faculty of Teacher Training and Education, University of PGRI Adibuana Surabaya. Supervisor: (1) Dr. Sunyoto Hadi P, S.T., M.Pd. (2) Eka Susilowati, S.Si., M.Sc.

Key word: *Realistik Mathematics Education and student learning outcomes.*

This research is a Posttest-Only Control Design to determine the effect of the Realistic Mathematics Education (RME) learning model on the mathematics learning outcomes of students of one variable linear equation material (PLSV) in state junior high school 3 Taman Sidoarjo. The hypothesis proposed in this study is “The influence of the *Realistic Mathematics Education* (RME) learning model on mathematics education learning outcomes in public junior high school 3 Taman Sidoarjo”.

The study population was all VII grade students of 3 junior high school Taman Sidoarjo 2018/2019. The researcher obtained VII H class as the experimental class and VII A class as the control class obtained by random sampling technique.

The results of this study obtained values t (count) = 5,15 and t (table) = 1,997730 with significant level of 5%. Because t (count) > t (table) means H_1 is accepted. From the results of the study it can be concluded that there is an influence of the realistic mathematics education (RME) learning model outcomes of students in public junior high school 3 Taman Sidoarjo.