ABSTRAK

Adhita, Vina Veronika. 2021. *Profil Literasi Matematis Siswa SMPN 2 Candi Dalam Menyelesaikan Soal Matematika Model PISA Konteks Occupational*. Skripsi. Program Studi Pendidikan Matematika STKIP PGRI Sidoarjo. Dosen Pembimbing: 1) Achmad Dhany Fachrudin, S.Pd., M.Pd. 2) Nurina Ayuningtyas, S.Pd., M.Pd.

Kata Kunci: Profil, Literasi Matematis, Soal Matematika Model PISA. Kemampuan Matematis

Tujuan dari penelitian ini adalah untuk mendeskripsikan literasi matematis siswa dalam menyelesaikan soal matematika model PISA konteks *occupational*. Jenis penelitian ini adalah penelitian kualitatif. Penelitian ini dilaksanakan pada tahun ajaran 2021/2022 di kelas IX SMP Negeri 2 Candi. Subjek penelitian yang digunakan dalam penelitian ini sebanyak 6 siswa yang terdiri 2 siswa berkemampuan matematis tinggi, 2 siswa berkemampuan matematis sedang dan 2 siswa berkemampuan matematis rendah. Instrumen yang digunakan berupa 4 soal matematika model PISA dan wawancara. Analisis data dalam penelitian ini berdasarkan pada proses literasi matematis yaitu *formulate, employ,* dan *interprete.* Hasil penelitian menunjukkan bahwa siswa berkemampuan matematis tinggi dan siswa berkemampuan matematis sedang mampu menyelesaikan soal matematika model PISA, hanya saja pada proses *formulate* mereka kurang terbiasa menyelesaikan permasalahan dengan menuliskan informasi ke dalam lembar jawaban. Sedangkan siswa berkemampuan matematis rendah belum mampu menyelesaikan masalah dikarenakan belum bisa menerapkan dan menginterpretasikan permasalahan dengan tepat.

ABSTRACT

Adhita, Vina Veronika. 2021. Mathematical Literacy Profile of SMPN 2 Candi Students In Solving Mathematical Problems PISA Model *Occupational* Context. Thesis. Mathematics Education Study Program STKIP PGRI Sidoarjo. Advisor: 1) Achmad Dhany Fachrudin, S.Pd., M.Pd. 2) Nurina Ayuningtyas, S.Pd., M.Pd.

Keywords: *Profile, Mathematical Literacy, PISA Model Mathematical Problems. Mathematical Ability*

The purpose of this study was to describe students' mathematical literacy in solving the PISA *model's* mathematical problems in occupational contexts. This type of research is qualitative research. This research was conducted in the 2021/2022 school year in class IX of State Junior High School 2 Candi. The research subjects used in this study were 6 students consisting of 2 students with high mathematical ability, 2 students with medium mathematically capable and 2 students with low mathematical abilities. The instrument used is a 4-problem PISA model mathematics and interviews. The data analysis in this study is based on the process of mathematical literacy, namely *formulate, employ,* and *interprete.* The results showed that high mathematically capable students and mathematically capable students are being able to solve PISA model math problems, it's just that in the *process* they are less accustomed to solving problems by writing information into answer sheets. While students with low mathematical ability have not been able to solve problems because they have not been able to apply and interpret the problem appropriately.