

ABSTRAK

Nursiah, S. 2023. *Analisis Kemampuan Literasi Matematis Berdasarkan Gaya Kognitif Field Independent (FI) dalam Menyelesaikan Soal PISA Pada Siswa Kelas IX SMP*. Skripsi, Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing: (I) Assist. Prof. Dr. Desi Rahmatina, S.Pd., M.Sc., (II) Assist. Prof. Nur Asma Riani Siregar, S.Pd., M.Pd.

Kata kunci : Literasi matematis dan Gaya Kognitif Field Independent (FI).

Penelitian ini bertujuan untuk mendeskripsikan kemampuan literasi matematis siswa yang memiliki gaya kognitif *field independent* (FI) dalam menyelesaikan soal PISA. Pendekatan penelitian yang digunakan merupakan pendekatan kualitatif dengan metode deskriptif. Subjek penelitian sebanyak 12 siswa kelas IX di MTs Negeri Tanjungpinang. Instrumen penelitian berupa tahap persiapan, tahap pelaksanaan, tahap analisis data, dan tahap penarikan kesimpulan. Prosedur pengumpulan data dilakukan dengan teknik tes dan teknik wawancara. Teknik analisis data pada penelitian ini yaitu instrumen tes yang berbentuk soal uraian, dan wawancara. Hasil penelitian ini menunjukkan hasil kemampuan literasi matematis yang dimiliki siswa *field independent* (FI) adalah cukup. Kemampuan literasi matematis siswa *field independent* (FI) pada kriteria tinggi sebanyak 17%, kriteria sedang 66%, kriteria rendah 17%.

ABSTRACT

Nursiah, S. 2023. Analysis of Mathematical Literacy Ability Based on Field Independent (FI) Cognitive Style in Solving PISA Questions in Class IX Middle School Students. Thesis, Mathematics Education Study Program, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Advisor: (I) Assist. Prof. Dr. Desi Rahmatina, S.Pd., M.Sc., (II) Assist. Prof. Nur Asma Riani Siregar, S.Pd., M.Pd.

Keywords : Mathematical Literacy and Field Independent Cognitive Style (FI).

This study aims to describe the mathematical literacy skills of students who have a field independent (FI) cognitive style in solving PISA questions. The research approach used is a qualitative approach with descriptive methods. The research subjects were 12 class IX students at MTs Negeri Tanjungpinang. The research instruments are in the form of preparation stage, implementation stage, data analysis stage, and conclusion drawing stage. Data collection procedures were carried out using test techniques and interview techniques. Data analysis techniques in this study were test instruments in the form of description questions and interviews. The results of this study indicate that the results of the mathematical literacy skills possessed by field independent (FI) students are sufficient. The ability of field independent (FI) students' mathematical literacy on high criteria is 17%, medium criteria is 66%, low criteria is 17%.