

Rohmani. 2021. *Analisis Pemahaman Konsep Ditinjau Dari Gaya Kognitif (Field Dependent dan Field Independent) Siswa SMP*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi.

ABSTRAK

Pemahaman konsep yang dimiliki siswa berbeda-beda. Perbedaan pemahaman konsep salah satunya dipengaruhi oleh gaya kognitif yang dimiliki siswa. Untuk itu perlu dilakukan penelitian tentang analisis pemahaman konsep siswa ditinjau dari gaya kognitif. Penelitian ini bertujuan untuk mengetahui bagaimana pemahaman konsep siswa ditinjau dari gaya kognitif *field dependent* dan *field independent*. Penelitian ini menggunakan metode *explanatory design* jenis *participant selection* model dan dilaksanakan di SMP Negeri 11 Gresik dengan populasi semua siswa kelas VII tahun ajaran 2020/2021. Teknik pengambilan sampel menggunakan *purposive sampling*. Sampel penelitian sebanyak 31 siswa. Pengumpulan data menggunakan teknik tes untuk mengukur gaya kognitif dan pemahaman konsep siswa, teknik wawancara untuk mengetahui keyakinan dan keaslian jawaban siswa dan teknik dokumentasi. Teknik analisis data menggunakan analisis data kuantitatif persentase skor siswa dan analisis kualitatif model Miles dan Huberman. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Siswa gaya kognitif FD mempunyai pemahaman konsep sedang, rendah dan sangat rendah dengan persentase secara berturut-turut adalah 10%, 23% dan 10%. Dimana siswa dengan gaya kognitif FD lebih sedikit dalam memenuhi indikator pemahaman konsep, (2) Siswa gaya kognitif FI mempunyai pemahaman konsep tinggi dan sangat tinggi dengan persentase 43% dan 23%. Dimana siswa dengan gaya kognitif FI lebih banyak dalam memenuhi indikator pemahaman konsep.

Kata kunci: gaya kognitif, pemahaman konsep, pembelajaran IPA

Rohmani. 2021. *Analysis of Concept Understanding in Terms of Cognitive Style (Field Dependent and Field Independent) Junior High School Students*. Thesis. Natural Science Education. Education Faculty, University of Trunojoyo Madura. Advisor: Wiwin Puspita Hadi

ABSTRACT

The understanding of concepts that students had different. One of the differences in understanding the concept was influenced by the cognitive style of the students. For this reason, it was necessary to conduct research on the analysis of students conceptual understanding in terms of cognitive style. This study aims to determine how students understanding of concepts in terms of *field dependent* and *field independent* cognitive styles. This research used the *explanatory design* method with the type of *participant selection model* and was located at SMP Negeri 11 Gresik with a population of all seventh grade students for the 2020/2021 academic year. The sampling technique used was purposive sampling. The research sample was 31 students. Data collection used test techniques to measure students' cognitive style and conceptual understanding, interview techniques to determine the confidence and authenticity of students answers and documentation techniques. The data analysis technique used quantitative data analysis of the percentage of student scores and qualitative analysis of the Miles and Huberman model. Based on the results of the study, it can be concluded that: (1) FD cognitive style students had moderate, low and very low conceptual understanding with the percentages being 10%, 23% and 10% respectively. Where students with FD cognitive style was less in meeting the indicators of concept understanding, (2) FI cognitive style students had high and very high conceptual understanding with percentages of 43% and 23% respectively. Where students with FI cognitive style was more to fulfilled the indicators of concept understanding.

Keywords: cognitive style, concept understanding, science learning