

Mustakul Nurhayati. 2021. *Analisis Kemampuan Pemecahan Masalah Siswa Ditinjau dari Tipe Kepribadian Keirsey*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Mochammad Ahied.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kemampuan pemecahan masalah siswa ditinjau dari tipe kepribadian Keirsey pada materi getaran, gelombang, dan bunyi. Penelitian ini berjenis *mixed method* dan dilaksanakan di MTs. Al-Ihsan Krian dengan populasi seluruh siswa kelas VIII tahun ajaran 2020/2021. Teknik pengambilan sampel menggunakan teknik *purposive sampling*. Sampel penelitian sebanyak 32 siswa. Pengumpulan data menggunakan angket, tes, wawancara, dan dokumentasi. Teknik analisis data menggunakan analisis data kuantitatif dan analisis data kualitatif. Hasil penelitian menunjukkan bahwa (1) siswa *guardian* mempunyai kemampuan pemecahan masalah dengan kategori sangat baik (6%) dan baik (12%), (2) siswa *artisan* mempunyai kemampuan pemecahan masalah dengan kategori sangat baik (19%), (3) siswa *rational* mempunyai kemampuan pemecahan masalah dengan kategori sangat baik (16%), (4) siswa *idealist* mempunyai kemampuan pemecahan masalah dengan kategori sangat baik (13%) dan baik (34%), (5) dalam proses pemecahan masalah, siswa *guardian* dan *idealist* dominan berhasil menyelesaikan 3 indikator Polya yaitu memahami masalah, menyusun rencana penyelesaian, dan melaksanakan rencana penyelesaian, sedangkan siswa *artisan* dan *rational* dominan berhasil menyelesaikan semua indikator Polya yaitu memahami masalah, menyusun rencana penyelesaian, melaksanakan rencana penyelesaian, dan memeriksa kembali.

Kata kunci: IPA, kemampuan pemecahan masalah, tipe kepribadian Keirsey

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ABSTRACT

This research aimed to determine students' problem solving ability in terms of Keirsey's personality type on vibration, wave, and sound topics. This research is a mixed method type and was carried out in MTs. Al-Ihsan Krian with a population of all eighth grade students of the 2020/2021 school year. The sampling technique used purposive sampling technique. The research sample was 32 students. Collecting data using questionnaires, tests, interviews, and documentation. The data analysis technique used quantitative data analysis and qualitative data analysis. The results showed that (1) guardian students had problem solving ability with very good category (6%) and good (12%), (2) artisan students had problem solving ability with very good category (19%), (3) rational students had problem solving ability with very good category (16%), (4) idealist students had problem solving ability with very good category (13%) and good (34%), (5) in problem solving process, the guardian and idealist students dominant successfully completed 3 Polya indicators, namely understanding the problem, devise a plan, and carry out the plan, while the artisan and rational students dominant successfully completed all Polya indicators, namely understanding the problem, devise a plan, carry out the plan, and looking back.

Keywords: science, problem solving ability, Keirsey's personality type