

ABSTRAK

Permatasari, Berliana Putri. 2023. *Analisis Kemampuan Pemahaman Konsep Matematis Ditinjau Dari Gaya Belajar Siswa di SMA Al Islam Krian*. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya. Pembimbing Annisa Dwi Sulistyaningtyas, S.Si., M.Si.

Kata Kunci : *pemahaman konsep matematis, gaya belajar*

Karakter setiap siswa dapat menimbulkan gaya belajar dan cara berpikir yang berbeda. Siswa yang dapat memahami materi dengan baik, akan mampu memahami materi yang diajarkan. Khususnya materi matematika yang membutuhkan penalaran tinggi dan kemampuan pemahaman konsep untuk dapat menguasai materi. Penelitian ini bertujuan untuk menganalisis dan mendeskripsikan kemampuan pemahaman konsep matematis siswa kelas XI MIPA SMA Al Islam Krian tahun ajaran 2022/2023 pada materi persamaan lingkaran ditinjau dari gaya belajar visual, auditorial, dan kinestetik. Penelitian ini menggunakan metode pendekatan deskriptif kualitatif. Teknik pengumpulan data yang digunakan yaitu tes dan wawancara, dengan instrumen penelitian berupa angket gaya belajar, soal tes kemampuan pemahaman konsep matematis, dan wawancara. Berdasarkan hasil penelitian diperoleh bahwa dari gaya belajar visual siswa berkemampuan tinggi mampu memahami konsep matematis, sebaliknya siswa berkemampuan rendah belum mampu dalam memahami konsep matematis. Sedangkan dari gaya belajar auditorial siswa berkemampuan tinggi dan berkemampuan rendah kurang mampu dalam memahami konsep matematis. Jika dari gaya belajar kinestetik siswa berkemampuan tinggi kurang mampu dalam memahami konsep matematis, sedangkan siswa berkemampuan rendah belum mampu dalam memahami konsep matematis.

ABSTRACT

Permatasari, Berliana Putri. 2023. Comprehension Ability Analysis Mathematical Concepts Viewed From Student Learning Styles at SMA Al Islam Krian. Final Project. Mathematics Education Study Program. Faculty of Science and Technology. PGRI Adi Buana University, Surabaya. Adviser Annisa Dwi Sulistyaningtyas, S.Si., M.Si.

Keywords : understanding of mathematical concepts, learning styles

The character of each student can lead to different learning styles and ways of thinking. Students who can understand the material well, will be able to understand the material being taught. Especially math material that requires high reasoning and conceptual understanding skills to be able to master the material. This study aims to analyze and describe the ability to understand mathematical concepts of class XI MIPA SMA Al Islam Krian for the academic year 2022/2023 in the material of the equation of a circle in terms of visual, auditory and kinesthetic learning styles. This research uses a qualitative descriptive approach. The data collection techniques used were tests and interviews, with research instruments in the form of learning style questionnaires, test questions for understanding mathematical concepts, and interviews. Based on the results of the study, it was found that from the visual learning style students with high abilities were able to understand mathematical concepts, whereas students with low abilities were not yet able to understand mathematical concepts. Meanwhile, from the auditory learning style, students with high and low abilities are less able to understand mathematical concepts. If from the kinesthetic learning style students with high abilities are less able to understand mathematical concepts, while students with low abilities are not yet able to understand mathematical concepts.