

ABSTRAK

REZA UMAMI. Analisis Kemampuan Pemahaman Konsep dan Kemandirian Belajar Siswa Ditinjau Dari Motivasi Belajar Siswa Berbantuan Macromedia Flash. Tesis. Medan: Program Studi Pendidikan Matematika Program Pascasarjana Universitas Negeri Medan 2024.

Penelitian ini bertujuan untuk: (1) Untuk mengetahui apakah terdapat perbedaan kemampuan pemahaman konsep siswa antara siswa yang diberi media *macromedia flash* dengan siswa yang diberi media power point (2) Untuk mengetahui apakah terdapat perbedaan kemampuan kemandirian belajar siswa antara siswa yang diberi media *macromedia flash* dengan siswa yang diberi media power point. Jenis penelitian ini adalah eksperimen semu (*quasi experiment*). Penelitian ini dilaksanakan di SMA Kesatuan Meranti pada semester genap Tahun Ajaran 2021/2022. Hasil penelitian menunjukkan bahwa: 1) Terdapat perbedaan kemampuan pemahaman konsep siswa antara siswa yang diberi media *macromedia flash* dan media power point, dimana penerapan media *macromedia flash* lebih baik daripada siswa yang memperoleh media power point untuk kemampuan pemahaman konsep; 2) Terdapat perbedaan kemampuan kemandirian belajar siswa antara siswa yang diberi media *macromedia flash* dan media power point, dimana penerapan media *macromedia flash* lebih baik daripada siswa yang memperoleh media power point untuk kemampuan kemandirian belajar siswa; 3) Terdapat interaksi antara media pembelajaran *macromedia flash* terhadap kemampuan pemahaman konsep dan kemandirian belajar siswa; 4) Tidak terdapat interaksi antara power point terhadap kemampuan pemahaman konsep dan kemandirian belajar siswa.

Kata Kunci: Kemampuan Pemahaman Konsep, Kemandirian Belajar Siswa, Motivasi Belajar siswa

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ABSTRACT

REZA UMAMI. Analysis of Students' Understanding of Concepts and Learning Independence in terms of Student Learning Motivation Assisted by Macromedia Flash. Thesis. Medan: Mathematics Education Study Program, Postgraduate Program, Medan State University 2024.

This research aims to: (1) To find out whether there is a difference in students' ability to understand concepts between students who were given Macromedia Flash media and students who were given Power Point media (2) To find out whether there is a difference in students' independent learning abilities between students who were given Macromedia Flash media, with students who were given power point media. This type of research is a quasi experiment. This research was carried out in SMA Kesatuan Meranti in the even semester of the 2021/2022 academic year. The results of the research show that: 1) There is a difference in students' ability to understand concepts between students who were given Macromedia Flash media and Power Point media, where the application of Macromedia Flash media was better than students who received Power Point media for their ability to understand concepts; 2) There is a difference in students' independent learning abilities between students who were given Macromedia Flash media and Power Point media, where the application of Macromedia Flash media was better than students who received Power Point media for students' independent learning abilities; 3) There is an interaction between macromedia flash learning media on students' ability to understand concepts and learning independence; 4) There is no interaction between power point on students' ability to understand concepts and learning independence.

Keywords: Concept Understanding Ability, Student Learning Independence, Student Learning Motivation

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