

## ABSTRAK

**Sasmita Ayub, 2022.** Penerapan Bahan Ajar Berbasis Multimodus Representasi untuk Meningkatkan Hasil Belajar Siswa pada Konsep Fluida Statis. Pembimbing **Dr. Hj. Masrifah, S.Pd.,M.Si,** dan **Dr. Rahim Achmad, S.Si.,M.Si.**

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Penelitian ini bertujuan untuk mengetahui peningkatan hasil belajar siswa setelah diterapkan bahan ajar berbasis multimodus representasi dan untuk mengetahui besar peningkatan hasil belajar siswa setelah diterapkan bahan ajar berbasis multimodus representasi. penelitian quasi eksperimen dengan *pretest posttest control group design* dengan instrument yang digunakan adalah soal tes uraian. Analisis data menggunakan uji rerata gain ternormalisasi dan uji hipotesis (uji-t). Berdasarkan analisis data, disimpulkan bahwa terdapat peningkatan hasil belajar siswa pada konsep fluida statis setelah diterapkan bahan ajar berbasis multimodus representasi, besar peningkatan hasil belajar siswa yakni sebesar 0,34 dengan kategori sedang.

**Kata Kunci: multimodus representasi, hasil belajar siswa**

## **ABSTRACT**

**Sasmita Ayub**, 2022. Application of Multimodus Representation-Based Teaching Materials to Improve Student Learning Outcomes on Static Fluid Concepts. Supervisors **Dr. Hj. Masrifah, S.Pd., M.Si, and Dr. Rahim Achmad, S.Si., M.Si.**

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This study aims to determine the improvement of student learning outcomes after the application of multimodus representation-based teaching materials and to determine the magnitude of the increase in student learning outcomes after the application of multimodus representation-based teaching materials. Quasi-experimental research with pretest posttest control group design with the instrument used is a description test question. Data analysis used a normalized mean gain test and a hypothesis test (t-test).

Based on data analysis, it was concluded that there was an increase in student learning outcomes on the concept of static fluid after applying multimodus representation-based teaching materials, the large increase in student learning outcomes was 0.34 with a moderate category.

**Keywords: multimodus representation, student learning outcomes**