

Rindi Ariska, 2025. *Pengembangan Media Pembelajaran Berbasis Google Sites Materi Bumi dan Tata Surya untuk Meningkatkan Berpikir Kritis*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura, Pembimbing: Yamin Yamin.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kevalidan, keterbacaan, respons, serta peningkatan kemampuan berpikir kritis siswa terhadap media pembelajaran *website* berbasis *google sites* pada materi Bumi dan Tata Surya. Pengembangan media ini menggunakan model *ADDIE*, yang terdiri dari tahap *Analyze, Design, Development, Implementation* dan *Evaluation*. desain penelitian ini menggunakan *one group pretest posttest*. Penelitian ini dilakukan di SMPN 1 Tanjung Bumi. Sampel penelitian pada uji coba perorangan yaitu 2 siswa, uji coba kelompok kecil 8 siswa, dan implementasi 25 siswa yang dipilih menggunakan teknik *purposive sampling*. Teknik pengumpulan data menggunakan wawancara, angket, tes dan dokumentasi. Berdasarkan hasil penelitian diperoleh media *website* berbasis *google sites* yang dikembangkan memiliki rata-rata validitas 90,24% dengan kategori sangat valid. Rata-rata respons 89,05% dengan kategori sangat valid. Rata-rata keterbacaan 87,40% dengan kategori sangat valid. Berpikir kritis siswa mengalami peningkatan dengan skor *N-Gain* sebesar 0,57 dengan kategori sedang. Simpulan pada penelitian ini yaitu media pembelajaran *website* berbasis *google sites* valid untuk digunakan dan membantu meningkatkan kemampuan berpikir kritis siswa pada materi Bumi dan Tata Surya.

Kata kunci: *ADDIE*, berpikir kritis, Bumi dan tata surya, *google sites*

Rindi Ariska, 2025. *Development of Google Sites-Based Learning Media on Earth and Solar System Material to Improve Critical Thinking*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura, Advisor: Yamin Yamin.

ABSTRACT

This study aims to determine the validity, readability, response, and improvement of students' critical thinking skills towards website learning media based on Google Sites on the Earth and Solar System material. The development of this media uses the ADDIE model, which consists of the stages of Analyze, Design, Development, Implementation and Evaluation. This research design uses one group pretest posttest. This research was conducted at SMPN 1 Tanjung Bumi. The research sample in the individual trial was 2 students, the small group trial was 8 students, and the implementation was 25 students selected using purposive sampling techniques. Data collection techniques used interviews, questionnaires, tests and documentation. Based on the results of the study, it was obtained that the website media based on Google Sites that was developed had an average validity of 90.24% with a very valid category. The average response was 89.05% with a very valid category. The average readability was 87.40% with a very valid category. Students' critical thinking increased with an N-Gain score of 0.57 with a moderate category. The conclusion of this study is that the website learning media based on Google sites is valid for use and helps improve students' critical thinking skills on the Earth and Solar System material.

Keywords: *ADDIE, critical thinking, Earth and solar system, Google sites*