

Santi Putri Rahayu. 2025. *Pengembangan Modul Berbasis Inkuiri Terbimbing Konteks Dumbleg Untuk Meningkatkan Keterampilan Berpikir Kritis Siswa*. Skripsi. Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Yamin

ABSTRAK

Modul konteks *dumbleg* merupakan bahan ajar yang memadukan materi dengan *dumbleg* untuk meningkatkan pembelajaran IPA. Penelitian ini menggunakan R&D (*Research and Development*) dengan model pengembangan ADDIE meliputi *analyze, design, development, implementation* dan *evaluation*. Peneliti bertujuan mengetahui kevalidan media, keterbacaan, respon dan keterampilan berpikir kritis. Penelitian dilakukan di SMP Negeri 1 Gondang dengan populasi kelas VIII dan kelas IX tahun ajaran 2024/2025. Sampel menggunakan uji coba perorangan sebanyak 3 siswa, uji coba kelompok kecil sebanyak 10 siswa dan kelompok besar sebanyak 34 siswa. Hasil penelitian menunjukkan (1) modul konteks *dumbleg* mendapatkan hasil validasi ahli media memperoleh nilai 92,65% kriteria sangat valid dan hasil validasi ahli materi mendapatkan nilai 91,96% kriteria sangat valid, (2) keterbacaan mendapatkan nilai 87,77% kriteria sangat positif, (3) respon mendapatkan nilai 87,68% kriteria sangat positif, (4) keterampilan berpikir kritis siswa meningkat skor N-Gain mendapatkan nilai 0,57 dengan kategori sedang. Simpulan pada penelitian ini yaitu modul konteks *dumbleg* sangat valid untuk pembelajaran di dalam kelas, modul konteks *dumbleg* memiliki keterbacaan yang sangat positif, modul konteks *dumbleg* memiliki respon siswa yang sangat positif dan tes keterampilan berpikir kritis yang diberikan kepada siswa mengalami peningkatan.

Kata kunci: Inkuiri terbimbing, Keterampilan berpikir kritis, Modul konteks *dumbleg*

Santi Putri Rahayu. 2025. Development of Guided Inquiry-Based Module in Dumbleg Context to Improve Students' Critical Thinking Skills. Thesis. Science Education Study Program, Faculty of Teacher Training and Education, University of Trunojoyo Madura. Advisor: Yamin

ABSTRACT

The dumbleg context module is a teaching material that combines material with dumblegs to improve science learning. This study uses R&D (Research and Development) with the ADDIE development model including analyze, design, development, implementation and evaluation. The researcher aims to determine the validity of the media, readability, response and critical thinking skills. The study was conducted at SMP Negeri 1 Gondang with a population of class VIII and class IX in the 2024/2025 academic year. The sample used individual trials of 3 students, small group trials of 10 students and large groups of 34 students. The results of the study showed (1) the dumbleg context module received media expert validation results of 92.65% very valid criteria and material expert validation results of 91.96% very valid criteria, (2) readability received a value of 87.77% very positive criteria, (3) response received a value of 87.68% very positive criteria, (4) students' critical thinking skills increased, the N-Gain score received a value of 0.57 with a moderate category. The conclusion of this study is that the dumbleg context module is very valid for classroom learning, the dumbleg context module has very positive readability, the dumbleg context module has very positive student responses and the critical thinking skills test given to students has increased.

Keywords: Critical thinking skills, Dumbleg context module, Guided inquiry