

## ABSTRAK

**BAIQ AZAM ASPARIAH.** (2023). Pengembangan Bahan Ajar Berbasis *Brain Based Learning* Untuk Meningkatkan Kemampuan Belajar Mandiri Pada Pembelajaran Tematik Tema 9 Kelas V SDN 3 Montong Baan Selatan. Skripsi. Fakultas Ilmu Pendidikan Universitas Hamzanwadi. Pembimbing I Muhammad Sururuddin, M.Pd. Pembimbing II Dina Fadilah, M.Pd.

Penelitian ini bertujuan untuk menghasilkan, mengidentifikasi kelayakan dan mengetahui efektifitas bahan ajar berbasis *brain based learning* untuk meningkatkan kemampuan belajar mandiri pada pembelajaran tematik tema 9 kelas V SDN 3 Montong Baan Selatan. Jenis penelitian yang digunakan adalah penelitian pengembangan (*R&D*) dengan tahap pengembangan yang mengacu pada model pengembangan ADDIE. Penelitian ini dilakukan di SDN 3 Montong Baan Selatan. Subjek penelitian ini adalah siswa kelas V SDN 3 Montong Baan Selatan. Teknik dan instrumen pengumpulan data yang digunakan adalah wawancara dan angket. Data dianalisis secara deskriptif kualitatif dan kuantitatif. Hasil penelitian dan pengembangan menghasilkan bahan ajar berbasis *brain based learning*. Hasil validasi ahli materi memperoleh rata-rata 4,07 dengan kategori baik. Hasil validasi ahli media memperoleh rata-rata 4,27 dengan kategori sangat baik. Hasil respon siswa terhadap kepraktisan bahan ajar berbasis *brain based learning* memperoleh persentase 92% dengan kategori sangat baik. Hasil uji *gain Score* memperoleh skor 0,47 menunjukkan adanya peningkatan kemandirian dengan kategori sedang. Hasil uji *paired samples t-test* sebesar  $0,001 < 0,05$  menunjukkan adanya pengaruh penggunaan bahan ajar berbasis *brain based learning* untuk meningkatkan kemampuan belajar mandiri. Berdasarkan penilaian tersebut, dapat disimpulkan bahan ajar berbasis *brain based learning* layak digunakan dalam pembelajaran dan efektif dalam meningkatkan kemampuan belajar mandiri pada pembelajaran tematik.

**Kata Kunci:** Bahan Ajar, *Brain Based Learning*, Kemampuan Belajar Mandiri, Pembelajaran Tematik

## ABSTRACT

**BAIQ AZAM ASPARIAH** (2023). Development of Brain-Based Learning Teaching Materials in Enhancing Self-Learning Abilities in Thematic Learning Theme 9 for Grade V Students at SDN 3 Montong Baan Selatan. Faculty of Education, Hamzanwadi University. Supervisor I: Muhammad Sururuddin, M.Pd Supervisor II: Dina Fadilah, M.Pd.

This research aims to produce, identify the feasibility, and examine the effectiveness of brain-based learning instructional materials in enhancing independent learning abilities in thematic learning theme 9 for Grade V students at SDN 3 Montong Baan Selatan. The type of research used was development research (*R&D*) with development stages following the ADDIE development model. This research was conducted at SDN 3 Montong Baan Selatan. The subjects of this study were Grade V students at SDN 3 Montong Baan Selatan. Data collection techniques and instruments used were interviews and questionnaires. Data were analyzed descriptively, both qualitative and quantitative. The results of material expert validation obtained an average score of 4.07, categorized as good. The results of media expert validation obtained an average score of 4.27, categorized as very good. Students' responses to the practicality of brain-based learning instructional materials obtained a percentage of 92%, categorized as very good. The *gain score* test results obtained a score of 0.47, indicating a moderate improvement in independent learning. The *paired samples t-test* results of  $0.001 < 0.05$  indicate the influence of using brain-based learning instructional materials to enhance independent learning abilities. Based on this assessment, it can be concluded that brain-based learning instructional materials are suitable for use in learning and effective in enhancing independent learning abilities in thematic learning.

**Keywords:** Instructional Materials, Brain-Based Learning, Independent Learning Abilities, Thematic Learning.

