

**PENGEMBANGAN MEDIA PEMBELAJARAN  
FLIPBOOK BERBASIS *PROBLEM SOLVING* PADA  
MATERI HARMONISASI EKOSISTEM MUATAN IPA  
KELAS V SD NEGERI 27 PEMECUTAN  
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**ABSTRAK**

Penelitian ini bertujuan untuk (1) mendeskripsikan rancang bangun pada media pembelajaran *flipbook* berbasis *problem solving* pada materi harmonisasi ekosistem muatan IPA, (2) mengetahui kelayakan media pembelajaran *flipbook* berbasis *problem solving* pada materi harmonisasi ekosistem muatan IPA, (3) mengetahui efektivitas media pembelajaran *flipbook* berbasis *problem solving* pada materi harmonisasi ekosistem muatan IPA menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). Metode pengumpulan data yang digunakan yakni metode kuesioner dan tes. Data tersebut dianalisis menggunakan teknik analisis deskriptif kuantitatif dan analisis statistik inferensial uji-t. Hasil penelitian pengembangan ini menyimpulkan bahwa media pembelajaran *flipbook* berbasis *problem solving* yang dikembangkan layak dan efektif digunakan dalam proses pembelajaran dengan dibuktikan dari: (1) hasil uji ahli rancang bangun diperoleh skor 92,05% (**sangat baik**) (2) kelayakan media pembelajaran *flipbook* berbasis *problem solving* berdasarkan uji ahli materi pembelajaran diperoleh skor 80,35% (**baik**), ahli desain pembelajaran dan ahli media pembelajaran diperoleh skor 95% (**sangat baik**), uji perorangan diperoleh skor 94% (**sangat baik**), uji kelompok kecil diperoleh skor 91,25% (**sangat baik**), serta (3) uji efektivitas dengan uji-t diperoleh  $t\text{-hitung} = 16.286 > t\text{-tabel} = 2.045$  pada taraf signifikansi 5% untuk  $dk = 30 - 1 =$  sehingga  $H_0$  ditolak dan  $H_1$  diterima. Dengan demikian, dapat disimpulkan bahwa produk media pembelajaran *flipbook* berbasis *problem solving* layak dan efektif untuk diterapkan pada mata pelajaran IPA khususnya pada bagian harmonisasi ekosistem kelas V SD.

Kata kunci: ADDIE, *Flipbook*, IPA, Harmonisasi Ekosistem

**DEVELOPMENT OF FLIPBOOK LEARNING MEDIA  
BASED ON PROBLEM SOLVING ON ECOSYSTEM  
HARMONIZATION MATERIAL IN GRADE V SCIENCE  
CONTENT OF STATE ELEMENTARY SCHOOL 27  
PEMECUTAN ACADEMIC YEAR 2024/2025**

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**ABSTRACT**

*This study aims to (1) describe the design of flipbook learning media based on problem solving on the material of ecosystem harmonization of science content, (2) determine the feasibility of flipbook learning media based on problem solving on the material of ecosystem harmonization of science content, (3) determine the effectiveness of flipbook learning media based on problem solving on the material of ecosystem harmonization of science content using the ADDIE (Analyze, Design, Development, Implementation, Evaluation) development model. The data collection methods used are questionnaire and test methods. The data were analyzed using quantitative descriptive analysis techniques and t-test inferential statistical analysis. The results of this development research conclude that the developed problem-solving-based flipbook learning media is feasible and effective to be used in the learning process as evidenced by: (1) the results of the design expert test obtained a score of 92.05% (very good) (2) the feasibility of the problem-solving-based flipbook learning media based on the learning material expert test obtained a score of 80.35% (good), the learning design expert and learning media expert obtained a score of 95% (very good), the individual test obtained a score of 94% (very good), the small group test obtained a score of 91.25% (very good), and (3) the effectiveness test with the t-test obtained  $t\text{-count} = 16,286 > t\text{-table} = 2,045$  at a significance rate of 5% for  $dk = 30 - 1 =$  so that  $H_0$  is rejected and  $H_1$  is accepted. Thus, it can be concluded that the problem-solving-based flipbook learning media product is feasible and effective to be applied to science subjects, especially in the ecosystem harmonization section of grade V elementary school.*

*Keywords: ADDIE, Flipbook, Science, Ecosystem Harmonization*