

Frista Alfidya Hafidz Zain. 2026. *Pengembangan Booklet Tema Kebun Bibit Surabaya dengan Teknik Mnemonik untuk Meningkatkan Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pengetahuan, Universitas Trunodjoyo Madura. Pembimbing: Aida Fikriyah.

ABSTRAK

Penelitian ini dilatarbelakangi oleh kebutuhan media pembelajaran untuk meningkatkan literasi sains siswa yang bertujuan untuk mengetahui kevalidan, keterbacaan, respon, dan peningkatan literasi sains siswa setelah menggunakan booklet ini. Penelitian ini merupakan penelitian R&D dengan model pengembangan ADDIE. Uji coba produk dilaksanakan di SMPN 61 Surabaya pada siswa kelas VIII-F dan kelas VII-B. Instrumen pengumpulan data menggunakan angket validasi materi, angket validasi media, angket keterbacaan, angket respon, dan tes literasi sains siswa. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Rata-rata validitas ahli materi sebesar 92,50 (sangat valid) dan rata-rata validitas ahli media sebesar 93,75 (sangat valid), (2) Keterbacaan *booklet* tema Kebun Bibit Surabaya memperoleh kriteria sangat baik dengan rata-rata persentase 85% pada uji coba perorangan, 89% pada uji coba kelompok kecil, dan 85% pada kelompok besar, (3) Respon siswa terhadap *booklet* tema Kebun Bibit Surabaya memperoleh kriteria sangat baik dengan rata-rata 89% pada uji coba perorangan, 86% pada uji coba kelompok kecil, dan 84% pada kelompok besar, (4) Rata-rata *N-Gain* peningkatan literasi sains siswa setelah penerapan booklet memperoleh nilai 0,51 (kriteria sedang). Hal ini menunjukkan bahwa booklet tema Kebun Bibit Surabaya dengan teknik mnemonik memiliki kevalidan yang valid, memiliki keterbacaan dan respon yang sangat baik serta mampu meningkatkan literasi sains siswa.

Kata kunci: *Booklet*, Teknik mnemonik, Literasi sains, Kebun Bibit Surabaya.

Frista Alfidya Hafidz Zain. 2026. Development of a Surabaya Nursery Garden-Themed Booklet with Mnemonic Techniques to Improve Students' Scientific Literacy. Undergraduate Thesis, Science Education Study Program, Faculty of Teacher Training and Education, University of Trunodjoyo Madura. Supervisor: Aida Fikriyah.

ABSTRAK

This study was motivated by the need for learning media to improve students' scientific literacy. The research aimed to determine the validity, readability, student responses, and improvement of students' scientific literacy after using the booklet. This study employed a Research and Development (R&D) method using the ADDIE development model. The product trial was conducted at SMPN 61 Surabaya involving students of classes VIII-F and VII-B. Data were collected using material validation questionnaires, media validation questionnaires, readability questionnaires, student response questionnaires, and scientific literacy tests. The results showed that: (1) the average material expert validation score was 92.50 (very valid) and the average media expert validation score was 93.75 (very valid); (2) the readability of the Surabaya Nursery Garden-themed booklet achieved a very good criterion with average percentages of 85% in the individual trial, 89% in the small-group trial, and 85% in the large-group trial; (3) students' responses to the booklet were categorized as very good, with average percentages of 89% in the individual trial, 86% in the small-group trial, and 84% in the large-group trial; and (4) the average N-Gain score for the improvement of students' scientific literacy after the implementation of the booklet was 0.51 (moderate category). These findings indicate that the Surabaya Nursery Garden-themed booklet integrated with mnemonic techniques is valid, has very good readability and student responses, and is effective in improving students' scientific literacy.

Keywords: *Booklet, Mnemonic techniques, Scientific literacy, Surabaya Nursery Garden.*