

ABSTRAK

Annisaa Pratiwi Simanjuntak, NIM 4183141029 (2022). Pengembangan *Booklet* *Angiospermae* Taman Kota Medan Sebagai Sumber Belajar Materi *Plantae* di SMA Muhammadiyah 18 Sunggal.

Tujuan penelitian ini adalah untuk mengetahui kelayakan *Booklet* yang dikembangkan serta hasil belajar kognitif siswa sebelum dan setelah pembelajaran menggunakan *Booklet*. Penelitian terdiri atas dua tahap yaitu eksplorasi tanaman *Angiospermae* dan tahap pembangan dengan mengikuti langkah penelitian dan pengembangan tipe ADDIE (*analysis, design, development, implemation, evaluation*). Hasil penelitian menunjukkan, pada lokasi penelitian terdapat 61 spesies *Angiospermae* yang kemudian akan disajikan dalam bentuk *Booklet*. Kelayakan *Booklet* diukur melalui penilaian ahli materi dan media serta respon guru dan siswa. Penilaian ahli materi dan media menunjukkan persentase 87,5% dan 71,43% dengan kategori layak. Respon guru dan siswa berada dalam kategori positif dengan persentase 83,48% dan persentase rata-rata respon siswa yaitu 84,17%. Terdapat peningkatan hasil belajar kognitif antara sebelum dan setelah pembelajaran menggunakan *Booklet* yang ditunjukkan oleh rata-rata skor posttest yang lebih tinggi dibanding pretest. Efektivitas *Booklet* dalam meningkatkan hasil belajar kognitif ditunjukkan oleh nilai N-Gain 0,65 dengan kategori efektif.

Kata kunci: Sumber Belajar, *Booklet*, *Angiospermae*, Taman Kota Medan.

ABSTRACT

Annisaa Pratiwi Simanjuntak, NIM 4183141029 (2022). Development of the Medan City Park Angiospermae Booklet as a Learning Source for Plantae at SMA Muhammadiyah 18 Sunggal.

The purpose of this study was to determine the feasibility of the developed *Booklet* and the cognitive learning outcomes of students before and after learning to use the *Booklet*. The research consisted of two stages, namely the exploration of the Angiosperm plant and the development stage by following the ADDIE type research and development steps (analysis, design, development, implementation, evaluation). The results showed that at the research location there were 61 species of Angiosperms which would then be presented in the form of a *Booklet*. The feasibility of the *Booklet* is measured through the assessment of material and media experts as well as the responses of teachers and students. The assessment of material and media experts showed a percentage of 87.5% and 71.43% in the proper category. Teacher and student responses were in the positive category with a percentage of 83.48% and the average percentage of student responses was 84.17%. There is an increase in cognitive learning outcomes between before and after learning using *Booklets* as indicated by the average posttest score which is higher than the pretest. The effectiveness of *Booklets* in increasing cognitive learning outcomes is shown by the N-Gain value of 0.65 in the effective category.

Keywords: Learning Resources, Booklet, Angiospermae, Medan City Park.