

ABSTRAK

**Monica Rosephine Apriyanti Sitanggang, NIM 4173341043 (2022).
Pengembangan Multimedia Interaktif Terintegrasi Pendidikan
Karakter Pada Materi Jaringan Tumbuhan Di Kelas XI SMA Negeri
13 Medan T.P 2021/2022.**

Penelitian ini bertujuan untuk mengetahui: (1) Kelayakan materi pembelajaran multimedia interaktif terintegrasi pendidikan karakter kelas XI MIA SMA Negeri 13 Medan T.P 2021/2022; (2) Kelayakan media pembelajaran multimedia interaktif terintegrasi pendidikan karakter kelas XI MIA SMA Negeri 13 Medan T.P 2021/2022 ; (3) Respon guru biologi terhadap multimedia interaktif terintegrasi pendidikan karakter pada materi jaringan tumbuhan di kelas XI MIA SMA Negeri 13 Medan; (4) Respon peserta didik terhadap multimedia interaktif terintegrasi pendidikan karakter pada materi jaringan tumbuhan di kelas XI MIA SMA Negeri 13 Medan T.P 2021/2022; (5) efektivitas penggunaan Multimedia Interaktif Terintegrasi Pendidikan Karakter pada materi jaringan tumbuhan yang dikembangkan terhadap peningkatan hasil belajar; (6) implementasi nilai-nilai karakter yang diterapkan pada multimedia interaktif terintegrasi pendidikan karakter yang dikembangkan pada proses pembelajaran. Jenis penelitian ini adalah penelitian pengembangan dengan model pengembangan produk 4-D yang dimodifikasikan sesuai kebutuhan. Subjek uji coba terdiri dari ahli materi, ahli media, penilaian guru biologi, respon siswa kelas XI MIA 7 SMA Negeri 13 Medan, 6 siswa kelas XI MIA 7 SMA Negeri 13 Medan pada uji kelompok kecil, dan 30 siswa kelas XI MIA 7 SMA Negeri 13 Medan pada uji coba kelompok terbatas. Data kualitas produk pengembangan dikumpulkan dengan angket. Data dianalisis dengan tehnik deskriptif kuantitatif dan kualitatif. Hasil penelitian menunjukkan bahwa: (1) Validasi ahli materi berada pada kriteri “Sangat Layak” (88,32 %); (2) Validasi ahli media berada pada kriteria “Sangat Layak” (93,6 %); (3) Penilaian guru biologi berada pada kriteria “sangat layak” (92,6 %); (4) Uji Coba kelompok kecil berada kriteria “Sangat Baik” (89,16 %), Pada uji coba kelompok terbatas berada kriteria “Sangat Baik” (92,5 %).

Kata Kunci: Pengembangan, Multimedia Interaktif Terintegrasi Pendidikan Karakter, Jaringan Tumbuhan.

ABSTRACT

**Monica Rosephine Apriyanti Sitanggang, NIM 4173341043 (2022).
Development Of Integrated Interactive Multimedia Character Education On
Plant Network Materials In Class XI SMA Negeri 13 Medan T.P 2021/2022.**

This study aims to determine: (1) the feasibility of integrated interactive multimedia learning materials for character education for class XI MIA SMA Negeri 13 Medan T.P 2021/2022; (2) The feasibility of integrated interactive multimedia learning media for character education for class XI MIA SMA Negeri 13 Medan T.P 2021/2022; (3) Biology teacher's response to interactive multimedia integrated character education on plant tissue material in class XI MIA SMA Negeri 13 Medan; (4) Student responses to interactive multimedia integrated character education in plant tissue material in class XI MIA SMA Negeri 13 Medan T.P 2021/2022; (5) the effectiveness of the use of Integrated Interactive Multimedia Character Education on plant tissue material developed to improve learning outcomes; (6) implementation of character values applied to interactive multimedia integrated character education developed in the learning process. This type of research is development research with a modified 4-D product development model as needed. The test subjects consisted of material experts, media experts, biology teacher assessments, responses from class XI MIA 7 students at SMA Negeri 13 Medan, 6 students from class XI MIA 7 at SMA Negeri 13 Medan in the small group test, and 30 students from class XI MIA 7 at SMA Negeri 13 Medan in a limited group trial. Product development quality data were collected by questionnaire. Data were analyzed by quantitative and qualitative descriptive techniques. The results showed that: (1) Material expert validation was in the "Very Eligible" criteria (88.32%); (2) Validation of media experts is in the criteria of "Very Eligible" (93.6%); (3) The assessment of biology teachers is in the "very appropriate" criteria (92.6%); (4) The small group trial was met with the criteria of "Very Good" (89.16%), In the limited group trial, the criteria were "Very Good" (92.5 %).

Keywords: Development, Integrated Interactive Multimedia Character Education, Plant Network.

