

Imrona Wahyu Rini. 2022. *Pengembangan Modul IPA Terpadu Tipe Webbed Tema Tape Ketan terhadap Motivasi Belajar Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kelayakan, respon siswa, dan motivasi belajar siswa terhadap modul IPA terpadu tipe *webbed* tema tape ketan sebagai bahan ajar siswa di SMP Nasyrul Ulum di Desa Aengdake, Kecamatan Bluto, Kabupaten Sumenep pada materi bioteknologi. Penelitian ini menggunakan jenis penelitian *Research and Development* (RnD) dengan desain pengembangan Borg and Gall yang menggunakan *one shot case study design*. Sampel sebanyak 26 siswa di kelas IX tahun pelajaran 2021/2022. Pengambilan sampel menggunakan teknik *purposive sampling*. Data dikumpulkan dengan menggunakan angket dan dokumentasi. Hasil penelitian menunjukkan bahwa modul IPA terpadu tipe *webbed* tema tape ketan layak digunakan dalam pembelajaran sesuai dengan hasil validasi media sebesar 81,25%, reliabilitas ahli media sebesar 92,85%, validasi ahli materi sebesar 95,31%, reliabilitas ahli materi sebesar 94,63% , angket respon siswa sebesar 81,81%, dan angket motivasi belajar siswa sebesar 81,69%. Penelitian ini menunjukkan bahwa modul IPA terpadu tipe *webbed* tema tape ketan dapat meningkatkan motivasi belajar siswa kelas IX. Saran untuk riset selanjutnya ialah sebaiknya modul IPA terpadu tipe *webbed* dapat dikembangkan lagi secara mendalam oleh peneliti lainnya.

Kata kunci: bioteknologi, motivasi belajar siswa, modul IPA terpadu tipe *webbed*.

Imrona Wahyu Rini. 2022. *Development of an Integrated Science Module Webbed Type Tape Ketan Theme on Learning Motivation*. Thesis, Natural Science Education, Faculty of Education, University Trunojoyo Madura. Advisor: Wiwin Puspita Hadi, S.Si., M.Pd.

ABSTRACT

The purpose of this research was to determine the feasibility, student responses, and students' learning motivation for the integrated science module with the *webbed* type with the sticky tape theme as a teaching material for students at Nasyrul Ulum Junior High School in Aengdake Village, Bluto District, Sumenep Regency on biotechnology materials. This research uses a Research and Development (RnD) type of research with a Borg and Gall development design that uses a one shot case study design. Sample was 26 students at 9th grade in 2021/2022 academic year. Sampling using purposive sampling technique. Data was collected using a questionnaire and documentation. The results showed that the integrated science module with the type of *webbed* sticky rice tape theme was suitable for use in learning according to the results of media validation of 81.25%, media expert reliability of 92.85%, material expert validation of 95.31%, material expert reliability of 94.63%, student response questionnaire of 81.81%, and student learning motivation questionnaire of 81.69%. All the result showed that, the integrated science module with the *webbed* type with the tape ketan, increased the learning motivation at 9th grade students. Suggestions for further research is that it is better if the *webbed* type integrated science module can be further developed in depth by other researchers.

Keywords: biotechnology, learning motivation, *webbed* type integrated science module.