

ABSTRAK

RAHMAWATI, Pengembangan Kamus Mikrobiologi Berbasis Kontekstual. Program Pascasarjana Universitas Negeri Medan. 2017.

Penelitian ini bertujuan untuk mengembangkan kamus mikrobiologi berbasis kontekstual pada mata kuliah mikrobiologi berdasarkan standar BNSP. Bahan ajar berupa kamus yang menjadi pedoman mahasiswa dalam kegiatan pembelajaran mata kuliah mikrobiologi. Penelitian ini dilakukan di Pendidikan Biologi FMIPA UNIMED pada bulan Maret–Oktober 2016, dengan model pengembang Thiagarajan (4–D) yang telah dimodifikasi terdiri dari 3 yaitu tahap pertama pendefinisian yang meliputi: analisis awal akhir, analisis mahasiswa, analisis materi, analisis tugas, dan spesifikasi tujuan pembelajaran. Tahap kedua perancangan, yang terdiri dari: penyusunan materi, pemilihan format, dan perencanaan awal. Tahap ketiga adalah pengembangan, terdiri dari: penilaian dosen pembimbing, validasi oleh ahli materi, desain, dan bahasa, uji terbatas, dan perangkat final. Produk yang dihasilkan berupa kamus mikrobiologi yang digunakan mahasiswa semester VI Pendidikan Biologi FMIPA UNIMED. Bahan ajar disusun menjadi sebuah Kamus Mikrobiologi Berbasis Kontekstual yang dinilai layak oleh tim validasi. Hasil penilaian tim ahli materi menunjukkan rata–rata 89,40% kategori sangat layak, dan tim ahli desain menunjukkan rata–rata 90% katagori sangat layak, dan tim ahli bahasa 85,78% katagori sangat layak. Uji kelompok terbatas oleh dosen mikrobiologi mendapat hasil 88,29% katagori sangat sesuai dan 35 mahasiswa semester VI Pendidikan Biologi FMIPA UNIMED menilai 84,34% kamus mikrobiologi berbasis kontekstual pada mata kuliah mikrobiologi yang disusun menarik.

Kata Kunci: Pengembangan bahan ajar, kamus mikrobiologi, berbasis kontekstual



ABSTRACT

RAHMAWATI, Development-Based Contextual Dictionary of Microbiology. Graduate Program, State University of Medan. 2017.

This research aims to develop a contextual based on a dictionary microbiology course microbiology based on standard BNSP. Teaching materials in the form of a dictionary that guide students in learning activities microbiology courses. This research was conducted at the Education Biological Science UNIMED in March-October 2016, the model developer Thiagarajan (4-D) that has been modified consisting of 3 that the first stage pendefenisian which includes: a preliminary analysis of the end, the analysis of students, material analysis, task analysis, and specification of learning objectives. The second stage of the design, which consists of: preparation of material, format selection, and initial planning. The third stage is the development, consisting of: assessment supervisor, validation by experts of material, design, and language, limited test, and the final device. Products produced in the form of a dictionary microbiology sixth semester students of Biological Science Education UNIMED. Teaching materials are compiled into a dictionary of Microbiology Based Contextual considered feasible by the validation team. Results of the assessment team of subject matter experts showed an average of 89.40% categorized as very feasible, and a team of design experts showed an average 90% category of very decent, and a team of linguists 85.78% category of very decent. Test group is limited by the lecturers 88.29% of microbiological get results very appropriate categories and 35 students of sixth semester Biological Science Education 84.34% UNIMED assessing microbiological dictionary contextually based on subjects microbiology compiled interesting.

Keywords: Development of teaching materials, dictionaries microbiology, contextual-based

