

Abstrak

Sugiyono: PENGEMBANGAN BAHAN AJAR BERBASIS CORE PADA MATERI SISTEM PERNAPASAN.

Penelitian ini bertujuan: 1) untuk menguji kelayakan produk bahan ajar berbasis CORE pada materi sistem pernapasan, 2) mengetahui respon siswa terhadap bahan ajar berbasis CORE pada materi sistem pernapasan.

Metode yang digunakan dalam penelitian ini yaitu penelitian dan Pengembangan (*Research and Development*) untuk menghasilkan produk bahan ajar. Penelitian ini dilaksanakan di SMA Muhammadiyah 4 Ujung Berung dengan menggunakan teknik *Purposive sampling*. Teknik yang digunakan dalam penelitian ini yaitu Lembar validasi, dan angket. Adapun teknik analisis data yang digunakan yaitu analisis validasi bahan Ajar berbasis CORE, dan Analisis angket Siswa. Prosedur yang dilakukan dalam penelitian ini meliputi: tahapan persiapan, pelaksanaan dan tahap akhir.

Hasil penelitian ini menunjukkan bahwa Pengembangan Kelayakan Produk Bahan Ajar Berbasis CORE Pada Materi Sistem Pernapasan Hasil validasi bahan ajar berupa pernyataan ahli materi, ahli media, dan guru Biologi (Ahli Bahasa) bahwa bahan ajar layak diuji cobakan dengan beberapa revisi. Selain itu, dari validasi bahan ajar ini diperoleh data kuantitatif yang menunjukkan bahwa bahan ajar yang dikembangkan dapat dikategorikan dengan kriteria valid, dan siap digunakan sebagai sumber belajar dengan rata-rata persentase keseluruhan validator 81%. Sementara respons Siswa terhadap bahan Ajar berbasis CORE Pada Materi Sistem Pernapasan diperoleh pula bahwa respon siswa terhadap pembelajaran biologi menggunakan bahan ajar berbasis *core*. Berdasarkan analisis angket bahan ajar, semua pernyataan terqualifikasi “*Sedang*” dan penilaian rata-rata respon siswa 3,38 terqualifikasi “*Sedang*”

Keyword: *Bahan Ajar Berbasis Core, Materi Sistem Pernapasan.*

Abstract

Sugiyono: DEVELOPMENT OF CORE-BASED TEACHING MATERIALS ON RESPIRATORY SYSTEM MATERIALS.

This study aims: 1) to test the feasibility of CORE-based teaching materials on respiratory system material, 2) to find out student responses to CORE-based teaching materials on respiratory system material.

The method used in this study is research and development (*Research and Development*) to produce teaching material products. This research was conducted at SMA Muhammadiyah 4 Ujung Berung using a purposive sampling technique. The techniques used in this study are validation sheets and questionnaires. The data analysis technique used is CORE-based teaching material validation analysis, and student questionnaire analysis. The procedures carried out in this study include: the preparation, implementation and final stages.

The results of this study indicate that the Feasibility Development of CORE-Based Teaching Material Products on Respiratory System Materials The validation results of teaching materials are in the form of statements from material experts, media experts, and Biology teachers (Language Experts) that teaching materials are feasible to be tested with several revisions. In addition, from the validation of these teaching materials, quantitative data was obtained indicating that the developed teaching materials can be categorized with valid criteria, and are ready to be used as learning resources with an average percentage of all validators of 81%. While student responses to CORE-based teaching materials In the Respiratory System Material, it was also found that students' responses to biology learning used core-based teaching materials. Based on the analysis of the teaching materials questionnaire, all statements qualified as "*moderate*" and the average student response rating of 3.38 qualified as "*moderate*".

Keyword: *Core-Based Teaching Materials, Respiratory System Material.*