

ABSTRAK

Desvica Simanullang. Pengembangan LKPD berbasis *Search, Solving, Create and Share* (SSCS) Untuk Meningkatkan Keterampilan Berpikir Kritis Pada Pembelajaran Biologi Kelas XII Di SMA Negeri 1 Pantai Labu Tesis. Program Pascasarjana Universitas Negeri Medan 2020.

Penelitian ini bertujuan untuk (1) mengetahui kelayakan LKPD berbasis *Search, Solving, Create And Share* (SSCS) berdasarkan ahli materi, ahli desain, ahli pembelajaran respon guru (2) mengetahui efektivitas LKPD berbasis *Search, Solving, Create And Share* (SSCS). Penelitian ini dilakukan di SMAN 1 Pantai Labu pada bulan Juni-Desember 2023, dengan teknik analisis data deskriptif. Penelitian ini merupakan jenis penelitian pengembangan atau *Research Development* (R&D) yang mengacu pada model pengembangan yang dikemukakan oleh *Bord and Gall* yang terdiri dari 10 langkah yaitu *research and information collecting, planning, develop preliminary from of product, preliminary field testing, main product revision, main field testing, operational product revision, operational field testing, final product revision dan final product revision*. Pengembangan dan perancangan LKPD dilakukan di Universitas Negeri Medan dan uji coba produk kepada peserta didik kelas XII di SMA Negeri 1 Pantai Labu yang pengerjaannya dilaksanakan pada tahun 2023. Produk yang dihasilkan merupakan LKPD berbasis *Search, Solving, Create And Share* (SSCS). LKPD yang dinilai layak oleh tim ahli validasi. Hasil penilaian tim ahli materi menunjukkan LKPD dalam kategori sangat baik dengan rata-rata persentase 85,33% (sangat baik), ahli desain sebesar 90,64% (sangat baik), ahli desain pembelajaran sebesar 88,50% (sangat baik), responden guru sebesar 93,06% (sangat baik), uji perorangan sebesar 82,50% (sangat baik), uji kelompok kecil sebesar 90,73% (sangat baik), uji kelompok besar sebesar 93,36 % (sangat baik) dan nilai uji $t(t_{hitung}=3,468$ dan $t_{tabel}=2,042$) sehingga dapat disimpulkan bahwa LKPD berbasis SSCS (*Search, Solve, Create and Share*) pada mata pelajaran biologi kelas XII layak digunakan dalam pembelajaran biologi di kelas.

Kata kunci: LKPD, model SSCS, biologi.

ABSTRACT

Desvica Simanullang. Development Of LKPD Based On *Search, Solving, Create And Share* (SSCS) To Improve Critical Thinking Skills In Class XII Biology At SMA Negeri 1 pantai Labu. Learning Thesis. Universitas Negeri Medan. Postgraduate Program 2020.

This research aims to (1) determine the feasibility of Search, Solving, Create and Share (SSCS) based LKPD based on material experts, design experts, teacher response learning experts (2) determine the effectiveness of Search, Solving, Create And Share (SSCS) based LKPD. This research was conducted at SMAN 1 Pantai Labu in June-December 2023, using descriptive data analysis techniques. This research is a type of development research or Research Development (R&D) which refers to the development model proposed by Bord and Gall which consists of 10 steps, namely research and information collecting, planning, developing preliminary from product, preliminary field testing, main product revision, main field testing, operational product revision, operational field testing, final product revision and final product revision. LKPD development and design was carried out at Medan State University and product trials were carried out on class XII students at SMA Negeri 1 Pantai Labu, the work on which was carried out in 2023. The resulting product is a Search, Solving, Create and Share (SSCS) based LKPD. LKPD that is deemed appropriate by the validation expert team. The results of the assessment by the material expert team showed that the LKPD was in the very good category with an average percentage of 85,33% (very good), design experts at 90,64% (very good), learning design experts at 88,50% (very good), teacher respondents at 93,06% (very good), individual test of 82,50% (very good), small group test of 90,73% (very good), large group test of 93,36% (very good) and the t test value (tcount=3,468 and ttable=2,042) so it can It was concluded that the SSCS (Search, Solve, Create and Share) based LKPD in class XII biology subjects was suitable for use in biology learning in class.

Key words: LKPD, SSCS Model, Biology.