

PENGEMBANGAN MEDIA PEMBELAJARAN BERBASIS *Contextual Teaching and Learning* (CTL) MENGGUNAKAN *GOOGLE SITES* PADA MATERI SISTEM SIRKULASI MANUSIA KELAS 11

Oleh

Baiq Mar'atun Sholihah, NIM 1913041008

**Jurusan Biologi dan Perikanan Kelautan
Program Studi Pendidikan Biologi, Fakultas FMIPA
Universitas Pendidikan Ganesha**

ABSTRAK

Penelitian ini bertujuan untuk mengetahui (1) rancang bangun media pembelajaran berbasis *Contextual Teaching and Learning* (CTL) menggunakan *google sites* pada materi sistem sirkulasi manusia kelas 11, (2) validitas media pembelajaran berbasis CTL menggunakan *google sites*, dan (3) kepraktisan media pembelajaran berbasis CTL menggunakan *google sites*. Jenis penelitian ini adalah penelitian pengembangan (*research and development*) dengan menggunakan model pengembangan ADDIE yang terdiri atas lima tahap yaitu analisis (*analyze*), perancangan (*design*), pengembangan (*development*), implementasi (*implementation*), dan evaluasi (*evaluation*). Penelitian ini melibatkan ahli media, ahli materi, dan ahli bahasa yang masing-masing berjumlah dua orang untuk uji validitas media, serta melibatkan tiga orang guru biologi dan 12 orang peserta didik di SMA Negeri 4 Singaraja untuk uji kepraktisan media. Hasil penelitian menunjukkan (1) spesifikasi rancang bangun media pembelajaran menggunakan *google sites* terdiri atas tujuh halaman yaitu halaman muka (*home*), identitas, kegiatan belajar, materi pembelajaran, *fun zone*, evaluasi, dan penutup, (2) dalam uji validitas, diperoleh nilai Koefisien Validitas Gregory (KVG) sebesar 1 dari segi media, nilai KVG 1 dari segi materi, dan nilai KVG 0,85 dari segi bahasa, (3) dalam uji kepraktisan oleh guru diperoleh rata-rata persentase sebesar 89% yang termasuk dalam kategori sangat praktis. Sementara itu, uji kepraktisan oleh peserta didik diperoleh rata-rata persentase sebesar 82% yang termasuk kategori praktis. Simpulannya adalah media pembelajaran berbasis CTL menggunakan *google sites* pada materi sistem sirkulasi kelas 11 yang dikembangkan dalam penelitian ini dinyatakan sangat valid dan praktis digunakan dalam proses pembelajaran.

Kata kunci: *Google sites*, Pendekatan CTL, Sistem Sirkulasi Manusia

DEVELOPMENT OF LEARNING MEDIA BASED ON Contextual Teaching and Learning (CTL) USING GOOGLE SITES ON CLASS 11 HUMAN CIRCULATION SYSTEM MATERIAL

By

Baiq Mar'atun Sholihah, NIM 1913041008

***Department of Marine Biology and Fisheries
Biology Education Study Program, Faculty of Math and Science
Ganesha University of Education***

ABSTRACT

This purpose of this research and development are to find out (1) the design of Contextual Teaching and Learning (CTL) based learning media using Google Sites on human circulation system material for class 11, (2) the validity of CTL based learning media using Google Sites, and (3) the practicality of learning media CTL based using Google Sites. This type of research is research and development using the ADDIE development model which consists of five stages, namely analysis, design, development, implementation and evaluation. This research involved two media experts, material experts and language experts each to test the validity of the media, and also involved three biology teachers and 12 students at SMA Negeri 4 Singaraja to test the practicality of the media. The results of the research show (1) the design specifications for learning media using Google Sites consist of seven pages, namely the home page, identity, learning activities, learning materials, fun zone, evaluation and closing, (2) in the validity test, scores were obtained The Gregory Validity Coefficient (KVG) is 1 in terms of media, the KVG value is 1 in terms of material, and the KVG value is 0.85 in terms of language, (3) in the practicality test by teachers, an average percentage of 89% is obtained which is included in the very category. practical. Meanwhile, the practicality test by students obtained an average percentage of 82% which was included in the practical category. The conclusion is that CTL-based learning media using Google Sites in the class 11 circulation system material developed in this research is stated to be very valid and practical to use in the learning process.

Keywords: Google sites, CTL Approach, Human Circulatory System