

ABSTRAK

“PENGEMBANGAN BAHAN AJAR BERBASIS *OUTDOOR LEARNING* PADA MATERI PENCEMARAN LINGKUNGAN BAGI PESERTA DIDIK SMP KELAS VII”

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Survei kebutuhan di 5 (lima) sekolah di Yogyakarta menunjukkan bahwa penggunaan bahan ajar dilakukan agar peserta didik lebih mudah memahami materi. Berdasarkan hasil survei di beberapa sekolah pembelajaran di hanya sebatas penjelasan teori dan menyampaikan pembelajaran hanya dengan ceramah menggunakan *power point* karena dianggap praktis dalam pembuatan dan penggunaannya dan melakukan praktikum pada materi tertentu. Selain itu ketersediaan media ataupun sumber belajar yang digunakan dalam pembelajaran menjadi hambatan keefektifan proses belajar mengajar. Oleh karena itu, penelitian ini bertujuan untuk mengembangkan bahan ajar berbasis *outdoor learning* pada materi pencemaran lingkungan bagi peserta didik SMP kelas VII dan mengetahui kelayakan bahan berbasis *outdoor learning* yang dikembangkan pada materi pencemaran lingkungan bagi peserta didik SMP kelas VII.

Penelitian ini merupakan jenis penelitian dan pengembangan yang diadaptasi dari langkah-langkah pengembangan Borg dan Gall dengan pembatasan sampai pada tahap 5 (lima) langkah pengembangan. Penelitian pengembangan ini divalidasi oleh dua pakar/ ahli materi dan dua guru IPA SMP kelas VII untuk dinilai kelayakannya.

Hasil penelitian yang diperoleh dari validasi oleh pakar/ ahli materi dan guru IPA SMP kelas VII menunjukkan nilai rata-rata 3,66 dengan kategori “Sangat Baik” sehingga produk bahan ajar berbasis *outdoor learning* pada materi pencemaran lingkungan untuk peserta didik SMP kelas VII yang dikembangkan memiliki kualitas layak untuk diujicobakan dalam lingkup terbatas.

Kata kunci: Bahan ajar pencemaran lingkungan kelas VII, *outdoor learning*

ABSTRACT

"THE DEVELOPMENT OF OUTDOOR LEARNING-BASED TEACHING MATERIALS IN ENVIRONMENTAL POLLUTION MATERIALS FOR SEVENTH GRADE STUDENTS OF JUNIOR HIGH SCHOOL"

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A survey of the necessity in 5 (five) schools in Yogyakarta showed that the application of teaching materials was needed in order to make the students understand the materials easily. In accordance to the result of the survey, in several schools, the learning processes were limited on the theoretical explanation and presenting the materials by using the power point which was considered as a practical way either in construction or in execution, and in performing of certain materials. Besides, the availability of media or learning resources used in teaching-learning processes became the obstacles towards the effectiveness of a teaching-learning process. Therefore, the purpose of the research was to developed teaching materials based on outdoor learning in environmental pollution materials for seventh grade students of junior high school.

This research was a type of research and development which adapted from the Borg and Gall development steps with restriction to the 5(five) steps of development. This development research was validated by two experts / material's experts and two seventh grade teachers of Junior High school for assessing their worthiness.

The results obtained from the validations by the experts/material's experts and the seventh grade science's teachers of junior high school which presented an average value of 3.66 with the category "Very Good", then outdoor learning-based teaching materials in environmental pollution materials that was developed for seventh grade science's students of junior high school are worth to be tested out in a limited scope.

Keywords: Environmental pollution teaching materials for seventh grade, outdoor learning