

ABSTRAK**PENGEMBANGAN MEDIA PEMBELAJARAN IPA SD
MATERI RANGKA MANUSIA
BERBASIS METODE MONTESSORI**

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Penelitian ini diawali dari tidak lengkapnya komponen media pembelajaran yang dimiliki oleh SD Kanisius Eksperimental Mungunan. Permasalahan tersebut menjadi pertimbangan bagi peneliti untuk melakukan penelitian. Penelitian ini bertujuan untuk mendeskripsikan prosedur pengembangan media pembelajaran IPA SD materi rangka manusia berbasis metode Montessori dan mengetahui kualitas media pembelajaran IPA SD materi rangka manusia berbasis metode Montessori. Penelitian ini dilakukan kepada sekelompok siswa kelas V di SD Kanisius Eksperimental Mungunan tahun ajaran 2016/2017.

Jenis penelitian ini adalah penelitian dan pengembangan. Beberapa langkah penelitian mengadopsi model Sugiyono (2014) serta Borg dan Gall (Sukmadinata, 2011) yang kemudian dimodifikasi menjadi lima langkah antara lain potensi masalah, perencanaan, pengembangan desain, validasi produk, dan uji coba terbatas.

Hasil dari penelitian ini adalah prototipe media pembelajaran IPA mengenai rangka kepala manusia berbasis metode Montessori. Media pembelajaran rangka kepala manusia berbasis metode Montessori memiliki kualitas sangat baik dilihat dari hasil validasi yang dilakukan oleh ahli IPA dan Montessori. Perolehan skor rerata sebesar 3,85. Uji coba terbatas menunjukkan terdapat peningkatan nilai yang diperoleh siswa. Selisih nilai *posttest* dengan *pretest* sebesar 40. Dengan demikian, dapat disimpulkan bahwa media pembelajaran rangka kepala manusia memiliki kualitas sangat baik dan membantu siswa memahami materi rangka manusia.

Kata kunci: Penelitian dan pengembangan, metode Montessori, media, rangka manusia, IPA.

ABSTRACT**DEVELOPMENT OF ELEMENTARY SCHOOL SCIENCE STUDY
LEARNING MATERIAL FOR HUMAN BONES BASED ON MONTESSORI
METHOD**

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This research started from the incomplete components of learning media, owned by Mangunan Experimental Canisius Elementary School. Due to these problems, researchers considered conducting the research. This study aimed to describe the procedure of learning elementary school media development of human bones based of Montessori method and find out the quality of the media elementary school media development of human bones based of Montessori method. The subject of the research was a group of fifth grade students of Mangunan Experimental Canisius Elementary School year 2016/2017.

This research method was research and development. A few steps of research adopted a model Sugiyono (2014) and also Borg & Gall (Sukmadinata, 2011) who was later modified into five steps, among other potential problems, planning, design, development, product validation and field limited trial.

The results of this research was the prototype of the media learning IPA on learning the human head based on Montessori method. Media learning method based on human head Montessori had a very good quality as seen as the results of the validation performed by expert IPA and Montessori. The average score of acquisition was 3.85. Field limited trials of learning media indicated there was an increase in students' scores. The score difference between pretest and posttest was 40. Thus, it could be concluded that the human head bones learning media had excellent quality and helped students to understand about human bones.

Keywords: *Research and development, Montessori method, media, Human bones, Science Studies.*