

ABSTRAK**PENGEMBANGAN MEDIA PEMBELAJARAN IPA SD MATERI BAGIAN-BAGIAN MATA MANUSIA BERBASIS METODE MONTESSORI**

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Latar belakang penelitian yaitu keterbatasan media pembelajaran di sekolah serta kebutuhan media pembelajaran konkret untuk materi bagian-bagian mata manusia. Tujuan penelitian yaitu: 1) mengembangkan media pembelajaran IPA materi bagian-bagian mata manusia berbasis metode Montessori, 2) mengetahui kualitas media pembelajaran bagian-bagian mata manusia berbasis metode Montessori.

Jenis penelitian yaitu penelitian dan pengembangan (R&D). Model pengembangan yang digunakan adalah model oleh Borg & Gall (Sugiyono, 2015) yang dibatasi menjadi lima tahap yaitu 1) potensi dan masalah, 2) perencanaan, 3) pengembangan bentuk awal produk, 4) validasi produk, dan 5) uji coba lapangan terbatas. Penelitian dilaksanakan di kelas IV SD N Sendangadi 2. Subjek penelitian yaitu 10 siswa kelas IV SD N Sendangadi 2. Objek penelitian yaitu media pembelajaran IPA materi bagian-bagian mata manusia berbasis metode Montessori. Instrumen penelitian yang digunakan adalah pedoman observasi, pedoman wawancara, kuesioner dan soal tes.

Hasil penelitian menunjukkan kualitas media pembelajaran bagian-bagian mata manusia sangat baik. Hal tersebut terlihat dari perolehan rerata skor sebesar 3,7 dan masuk dalam kategori sangat baik. Hal ini ditunjukkan oleh hasil belajar siswa melalui soal *pretest* dan *posttest* yang mengalami peningkatan. Dimana rerata *pretest* sebesar 40 dan hasil rerata *posttest* sebesar 83 dengan peningkatan sebesar 43 (17,5%). Maka, dapat disimpulkan media pembelajaran bagian-bagian mata manusia berbasis metode Montessori memiliki kualitas yang sangat baik dan dapat membantu siswa dalam memahami materi.

Kata Kunci: penelitian dan pengembangan, bagian-bagian mata manusia, IPA, media pembelajaran berbasis Montessori.

ABSTRACT**DEVELOPMENT OF SCIENCE LEARNING MEDIA FOR ELEMENTARY SCHOOL WITH THE SUBJECT MATTER OF HUMAN EYE BASED ON THE MONTESSORI METHOD**

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The research background is the limitations of learning media in schools and the need for concrete learning media for the material parts of the human eye. The research objectives were: 1) developing science learning media for the parts of the human eye based on the Montessori method, 2) knowing the quality of learning media for the parts of the human eye based on the Montessori method.

This type of research is research and development (R&D). The development model used is a model by Borg & Gall (Sugiyono, 2015) which is limited to five stages, namely 1) potential and problems, 2) planning, 3) development of initial product forms, 4) product validation, and 5) limited field trials. The research was conducted in grade IV SD N Sendangadi 2. The research subjects were 10 grade IV SD N Sendangadi students 2. The object of the research was the science learning media, the material parts of the human eye based on the Montessori method. The research instruments used were observation guidelines, interview guidelines, questionnaires and test questions.

The results showed that the quality of learning media parts of the human eye was very good. This can be seen from the acquisition of an average score of 3.7 and is in the very good category. This is indicated by the student learning outcomes through the pretest and posttest questions which have increased. Where the mean pretest is 40 and the mean posttest is 83 with an increase of 43 (17.5%). So, it can be concluded that the learning media of parts of the human eye based on the Montessori method have very good quality and can help students understand the material.

Keywords: *research and development, parts of the human eye, science, Montessori-based learning media.*