

**PENGEMBANGAN VIDEO PEMBELAJARAN MENGGUNAKAN
METODE DEMONSTRASI PADA MATERI WUJUD DAN SIFAT BENDA
KELAS IV SEKOLAH DASAR**

Oleh

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ABSTRAK

Penelitian ini bertujuan untuk mengembangkan video pembelajaran berbasis metode demonstrasi pada materi wujud dan sifat benda untuk siswa kelas IV Sekolah Dasar. Video pembelajaran dikembangkan menggunakan aplikasi CapCut dengan struktur yang terdiri atas tiga bagian, yaitu pembuka, inti, dan penutup. Bagian pembuka dirancang untuk menarik perhatian siswa serta mengaitkan materi dengan pengalaman sehari-hari. Bagian inti menyajikan demonstrasi praktikum sederhana melalui visualisasi yang jelas dengan fokus pada perubahan wujud dan sifat benda. Bagian penutup memuat kesimpulan hasil praktikum dan penguatan materi. Penelitian ini menggunakan model pengembangan 4D yang meliputi tahap *Define*, *Design*, *Develop*, dan *Disseminate*. Hasil validasi oleh ahli media memperoleh indeks validitas sebesar 0,96, sedangkan ahli materi memperoleh indeks validitas sebesar 0,92, yang keduanya termasuk kategori sangat valid. Respons guru dan siswa terhadap video pembelajaran menunjukkan tingkat pencapaian sebesar 100% dengan kategori sangat baik. Video pembelajaran ini mampu mengkonkretkan konsep IPA yang bersifat abstrak, meningkatkan pemahaman siswa melalui pengalaman belajar visual, serta mendukung pembelajaran mandiri. Berdasarkan hasil penelitian, video pembelajaran berbasis metode demonstrasi dinyatakan sangat valid, praktis, dan layak digunakan untuk meningkatkan efektivitas pembelajaran IPA pada materi wujud dan sifat benda di kelas IV Sekolah Dasar.

Kata kunci: Pengembangan, Video, Metode Demonstrasi, Wujud dan Sifat Benda, Sekolah Dasar.

**DEVELOPMENT OF EDUCATIONAL VIDEOS USING THE
DEMONSTRATION METHOD ON THE TOPIC OF STATE AND
PROPERTIES OF MATTER IN CLASS IV OF ELEMENTARY SCHOOL**

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ABSTRACT

This study aimed to develop a demonstration-based instructional video on the topic of the states and properties of matter for fourth-grade elementary school students. The instructional video was developed using the CapCut application and was organized into three sections: introduction, main content, and closing. The introduction was designed to capture students' attention and relate the lesson to their everyday experiences. The main content presented simple science demonstrations with clear visualizations, focusing on changes in the states of matter and the properties of materials. The closing section provided a summary of the demonstration results and reinforced the learning content. This study employed the 4D development model, consisting of the Define, Design, Develop, and Disseminate stages. The media expert validation yielded a validity index of 0.96, while the subject matter expert validation resulted in a validity index of 0.92, both of which were classified as highly valid. Teacher and student responses to the instructional video showed an achievement rate of 100%, categorized as excellent. The instructional video effectively concretizes abstract science concepts, enhances students' understanding through visual learning experiences, and supports independent learning. Based on the findings, the demonstration-based instructional video was found to be highly valid, practical, and suitable for improving the effectiveness of science learning on the topic of the states and properties of matter for fourth-grade elementary school students.

Keywords: Development, Instructional Video, Demonstration Method, States and Properties of Matter, Elementary School.