

**PENGEMBANGAN VIDEO PEMBELAJARAN INTERAKTIF BERBASIS
PENDEKATAN KONTEKSTUAL PADA MATA PELAJARAN IPAS UNTUK
MENINGKATKAN KEMAMPUAN BERPIKIR KRITIS SISWA DI
KELAS IV SDN 3 KAMPUNG ANYAR**

Oleh

Meisel Ria Panggalo, NIM.2211021021

Program Studi Teknologi Pendidikan

ABSTRAK

Kendala dalam melatih kemampuan berpikir kritis siswa sekolah dasar sering kali ditemukan pada mata pelajaran IPAS. Proses pembelajaran yang sejauh ini masih berpusat pada guru menjadi faktor determinan utama dari munculnya masalah tersebut. Kondisi ini diperberat oleh pemilihan media yang miskin visualisasi konteks kehidupan nyata siswa. Berangkat dari masalah tersebut, dikembangkan video pembelajaran interaktif berbasis pendekatan kontekstual untuk mendukung pembelajaran IPAS. Penelitian ini bertujuan mengembangkan video pembelajaran interaktif berbasis pendekatan kontekstual yang valid, praktis, dan efektif untuk meningkatkan kemampuan berpikir kritis siswa kelas IV SDN 3 Kampung Anyar. Penelitian ini merupakan penelitian pengembangan yang menggunakan model ADDIE melalui tahapan analisis, perancangan, pengembangan, implementasi, dan evaluasi. Produk yang dikembangkan divalidasi oleh ahli isi, ahli desain pembelajaran, dan ahli media pembelajaran. Selanjutnya, produk diuji melalui uji perorangan, uji kelompok kecil, respons guru, serta implementasi kepada siswa. Pengumpulan data dilakukan melalui observasi, wawancara, angket, dan tes. Analisis data menggunakan analisis deskriptif kuantitatif dan uji paired sample t-test. Hasil penelitian menunjukkan bahwa video pembelajaran interaktif berbasis pendekatan kontekstual memenuhi kriteria valid berdasarkan penilaian para ahli, memiliki tingkat kepraktisan yang sangat tinggi berdasarkan respons guru dan siswa, serta terbukti efektif meningkatkan kemampuan berpikir kritis siswa berdasarkan hasil uji efektivitas. Dengan demikian, video pembelajaran interaktif berbasis pendekatan kontekstual layak digunakan sebagai media pembelajaran IPAS untuk mendukung pengembangan kemampuan berpikir kritis siswa sekolah dasar.

Kata kunci: IPAS, Kemampuan Berpikir Kritis, Pendekatan Kontekstual, Video Pembelajaran Interaktif.

**DEVELOPMENT OF INTERACTIVE LEARNING VIDEOS BASED ON A CONTEXTUAL
APPROACH TO SCIENCE SUBJECTS TO IMPROVE STUDENTS' CRITICAL
THINKING ABILITIES IN GRADE IV OF SDN 3 KAMPUNG ANYAR**

By

Meisel Ria Panggalo, Student ID 2211021021

Educational Technology Study Program

ABSTRACT

Barriers to developing critical thinking skills in elementary school students often arise in the IPAS subject. The teacher-centered learning process is one of the main factors contributing to this problem. This condition is further exacerbated by the use of learning media that lack visualization of students' real-life contexts. In response to this issue, an interactive learning video based on a contextual approach was developed to support IPAS learning. This Research and Development (R&D) study aimed to develop an interactive learning video based on a contextual approach that is valid, practical, and effective in improving the critical thinking skills of fourth-grade students at SDN 3 Kampung Anyar. The study employed the ADDIE development model, consisting of the analysis, design, development, implementation, and evaluation stages. The developed product was validated by learning content, learning design, and learning media experts. Furthermore, the product was evaluated through individual trials, small-group trials, teacher responses, and classroom implementation involving students. Data were collected through observation, interviews, questionnaires, and tests. The data were analyzed using descriptive quantitative analysis and the paired sample t-test. The results showed that the interactive learning video based on a contextual approach met the validity criteria based on expert judgments, demonstrated a very high level of practicality based on teacher and student responses, and was proven effective in improving students' critical thinking skills based on the effectiveness test. Therefore, the interactive learning video based on a contextual approach is suitable for use as an IPAS learning medium to support the development of elementary school students' critical thinking skills.

Keywords: Critical Thinking Skills, Contextual Approach, Interactive Learning Video, Natural and Social Sciences (IPAS).