

UTILIZATION OF YOUTUBE-BASED DIGITAL MEDIA IN SCIENCE LEARNING IN ELEMENTARY SCHOOLS

Sepling Paling

STKIP Kristen Wamena, Indonesia

Email : seplinpalin@gmail.com

Abstract

Digital media is a means of delivering information from the sender to the recipient. YouTube videos as a learning medium are very suitable for the learning characteristics of today's generation of students, so students prefer to watch learning videos via YouTube. Using YouTube media for learning, especially science learning, can help students develop critical thinking skills, solve problems, make decisions, and use social media to collaborate. YouTube can provide students and teachers with valuable experiences for freedom of expression, educational collaboration, and skill development. Innovating YouTube videos to teach science, they must be systematic, concrete and complex. The content of YouTube content contains four main elements in the nature of IPA. YouTube video innovations that suit the nature of science learning are carried out in the form of five types of videos, namely (1) concept explanation videos, (2) scientific facts videos, (3) model simulation videos, (4) demonstration videos and (5) experimental videos. Learning videos on YouTube can be used for interactive learning in the classroom, both for students and teachers themselves through online and offline presentations.

Keywords: Digital Media, YouTube, Science Learning

INTRODUCTION

The use of digital technology in learning media can improve the quality of learning. The use of varied learning media can overcome children's passive attitudes, because learning media plays a role in generating enthusiasm for children's learning. The use of innovative learning media based on information technology has great potential to improve the quality of learning, because it is an effective and efficient way of conveying information (Prayoga, A. S, 2021). In this era of digital technology, digital media can be used by parents to provide education. Various considerations must be made by parents and educators in choosing the right media for their children. Mistakes in choosing media have an impact on the development and formation of children's character (Suryani, N, 2016).

Science is one of the main subjects in elementary school. Natural Science is a learning that discusses the state of the universe and scientific