

ABSTRACT

SD Ar-Rafi is one of many Elementary School in Bandung, and it located in Jalan Sekejati III No 20, Kiaracondong, Bandung. To date, ways of learning in this Ar-Rafi Elementary School, teachers often hold a practical work in science subjects in addition to their normal teaching procedure in explaining the teaching material. However, for the students in 4th grade, the teachers currently using the manual way in their teaching activities, such as using books that contain pictures of to guide them with “How to using the tools that are in the book, to do their learning / practical work in their school class and laboratories. Emerging problems occurred, namely the teacher should prepare a practical tools and students sometimes forgot to bring the tools at the time of teaching. Therefore, the author create an educational game application that can be used by teachers as a learning and practice materials, in this case especially on the subject of “Force”.

Keywords: Educational Game, HTML5, Ar-Rafi Elementary School