

ABSTRAK

Proses pembelajaran IPA memiliki peran penting untuk melibatkan peserta didik ikut berperan aktif dalam proses pembelajaran. Hal tersebut dapat difasilitasi dengan mengembangkan media *Wordwall* membuka kotak pada materi Sistem Pernapasan Manusia. Penelitian ini merupakan penelitian R&D yang mengacu pada model pengembangan Borg and Gall. Subjek penelitian dilakukan pada 30 peserta didik kelas VB dalam uji coba di SDN Panunggangan 8 Kota Tangerang. Hasil penelitian menunjukkan persentase kevalidan media sebesar 81,3%, ahli materi sebesar 85,3% dan guru kelas VB sebesar 100% dengan kriteria valid. Persentase kepraktisan pada angket respon peserta didik sebesar 4,1 pada uji coba sekala besar dengan kategori “baik/layak”. Berdasarkan penelitian pengembangan yang dilakukan, peserta didik sangat antusias dalam menggunakan media *Wordwall* membuka kotak, dan dapat dinyatakan bahwa media *Wordwall* membuka kotak perubahan materi Sistem Pernapasan Manusia dinyatakan layak digunakan pada peserta didik Kelas V Sekolah Dasar untuk meningkatkan hasil belajar.

Kata Kunci: IPA, *Wordwall*, Sistem Pernapasan Manusia

ABSTRACT

The science learning process plays an important role in actively involving students in the learning process. This can be facilitated by developing a Wordwall "Open the Box" media on the Human Respiratory System material. This research is an R&D study that refers to the Borg and Gall development model. The research subjects consisted of 30 fifth-grade students in a trial at SDN Panunggan 8, Tangerang City. The results of the study showed that the validity percentage of the media was 81.3%, the material experts' assessment was 85.3%, and the fifth-grade teachers' assessment was 100%, all indicating valid criteria. The practicality percentage from the student response questionnaire was 4.1 in a large-scale trial with the category of "good/feasible". Based on the development research conducted, students were very enthusiastic about using the Wordwall "Open the Box" media, and it can be concluded that the Wordwall "Open the Box" media on the Human Respiratory System material is feasible to be used by fifth-grade elementary school students to improve learning outcomes.

Keywords: Science, Wordwall, Human Respiratory System