

## ABSTRAK

Sari, Dwi Sekar. 2018. *Pengembangan Flap Book Ensiklopedia Sayuran Berbasis Al-Qur'an Pada Materi Sistem Pencernaan Manusia untuk Siswa Kelas XI SMA/ MA*. Skripsi, Program Studi Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Muhammadiyah Jember. Pembimbing: (1) Dra. Sawitri Komarayanti, M.S (2) Ir. Elfien Herrianto, M.P

**Kata Kunci:** Pengembangan, *Flap book* Ensiklopedia, sayuran, berbasis Al-Qur'an

Kurikulum 2013 mendasari pengembangan generasi yang menguasai ilmu pengetahuan, mampu memecahkan masalah, serta mengembangkan aspek-aspek kepribadian secara optimal. Pengembangan aspek kepribadian salah satunya ditunjukkan di dalam Kompetensi Inti (KI) satu sebagai aspek spiritual yaitu menghayati dan mengamalkan ajaran agama yang dianutnya. Namun, saat ini bahan ajar yang digunakan di sekolah memuat tentang konsep ilmu pengetahuan saja belum mengintegrasikan karakter spritual yang berbasis Al-Qur'an. Oleh karena itu, produk pengembangan *Flap Book* Ensiklopedia Sayuran Berbasis Al-Qur'an untuk Siswa Kelas XI SMA/ MA bertujuan untuk memenuhi kebutuhan bahan ajar yang dapat meningkatkan motivasi belajar dan sikap religius siswa. Materi sayuran perlu diajarkan karena kesadaran masyarakat tentang manfaat sayuran masih rendah dan ada sayuran yang disebutkan di dalam Al-Qur'an yang perlu dipelajari.

Tujuan penelitian pengembangan ini adalah: (1) mengembangkan *Flap Book* Ensiklopedia Sayuran Berbasis Al-Qur'an untuk Siswa Kelas XI SMA/ MA, (2) mengetahui kelayakan hasil pengembangan *Flap Book* Ensiklopedia Sayuran Berbasis Al-Qur'an untuk Siswa Kelas XI SMA/ MA.

Penelitian ini merupakan penelitian pengembangan (*Research and Development*). Model penelitian pengembangan ini menggunakan model 4D yang terdiri dari 4 tahapan yaitu pendefinisian (*define*), perancangan (*design*), pengembangan (*development*), dan penyebaran (*dissemination*). Hasil pengembangan bahan ajar ini telah melewati uji validasi oleh ahli materi, ahli pendidikan agama Islam, ahli bahasa dan media, dan guru biologi SMA serta diuji respon siswa terhadap siswa kelas XI SMA Nuris Jember.

Berdasarkan hasil penelitian, *Flap Book* Ensiklopedia Sayuran Berbasis Al-Qur'an memenuhi tingkat kelayakan dengan hasil validasi ahli materi 92%, hasil validasi ahli Pendidikan Agama Islam mencapai 86,7%, ahli bahasa memberi nilai 83,3%, ahli media memberi nilai 90%, hasil validasi praktisi pembelajaran guru biologi mencapai 91%, dan hasil uji coba berupa respon siswa mencapai 89,7%. Berdasarkan penilaian yang diperoleh dari ahli dan respon siswa tersebut maka produk ini dapat dikatakan layak digunakan sebagai bahan ajar dalam pembelajaran biologi untuk siswa kelas XI SMA/ MA.

## ABSTRACT

Sari, Dwi Sekar. 2018. *Development of Vegetables Flap Book Encyclopedia based on Al Qur'an in Human Digestion System in the Eleventh Grade Senior High School Students*. Thesis, Biology Education Program, Faculty of Teacher Training and Education, University of Muhammadiyah Jember. Advisor: (1) Dra. Sawitri Komarayanti, M.S. (2) Ir. Elfien Herrianto, M.P.

**Key words:** Developing, Flap book Encyclopedia, Vegetables, based on Al Quran

Curriculum 2013 underlined of developing generation who are capable in science, problem solving, and developing individual aspects optimally. One of the development individual aspects is shown in Core Competence (CC) as a spiritual aspect which comprehends and practices the religion precept they follow. However, at the present teaching material is used at school loads concept of science has not integrated yet by religion character based on Al Quran. So, development of vegetables Flap book Encyclopedia based on Al Qur'an in the Eleventh Grade Senior High School Students has purpose to fulfill teaching material needs that can improve learning motivation and religious students' attitude. Vegetable material needs to be taught because the society has low consciousness about benefit of vegetables and there are vegetables that are mentioned in Al Quran that should be learnt.

The purpose of this development research are: (1) to develop of Vegetables Encyclopedia Flap book based on Al Qur'an in the Eleventh Grade Senior High School Students, (2) to find out the proper development result of Vegetables Encyclopedia Flap book based on Al Qur'an in the Eleventh Grade Senior High School Students.

The design of the research is research and development research. The development research uses 4D models that cover definition, design, development and dissemination. The result of teaching material has passed the validity test from the expert, Islamic religion teacher, linguist, media professional, Biology teacher, and also tested the students' respond in the Eleventh Grade Nuris Senior High School of Jember.

Based on the research result, Vegetables Encyclopedia Flap book based on Al Qur'an is proper with 92% valid from expert, 86.7% valid from Islamic religion teacher, 83.3% valid from linguist, 90% valid from media professional, 91% valid from Biology teacher and 89.7% respond test result students. Based on the evaluation from expert and students, so this product can be said proper used as Biology teaching material in the Eleventh Grade Senior High School Students.