

**ABSTRAK**

**PENGEMBANGAN MEDIA PEMBELAJARAN MODUL DIGITAL  
MENGUNAKAN *GOOGLE SITES* PADA MATERI INTERAKSI  
ANTARMAKHLUK HIDUP DAN LINGKUNGANNYA DI KELAS  
VII**

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Penggunaan teknologi komunikasi dan informasi menyebabkan permasalahan pembelajaran. Perkembangan dunia pengetahuan dan teknologi, terkhusus yang berhubungan dengan sistem pendidikan di sekolah menuntut adanya perubahan sikap guru dalam melaksanakan pembelajaran di kelas. Tujuan penelitian ini adalah mengembangkan dan mengetahui hasil uji validasi produk modul digital berbasis *google sites* pada materi interaksi antar makhluk hidup dengan lingkungan di kelas VII yang dikembangkan.

Penelitian ini merupakan penelitian dan pengembangan (R&D). metode penelitian menerapkan prosedur penelitian dan pengembangan dari Borg & Gall, yang terdiri dari tahap potensi dan masalah, pengumpulan data, desain produk, validasi produk dan revisi desain. Teknik pengumpulan data dilakukan dengan wawancara dan kuesioner. Instrumen yang digunakan berupa panduan wawancara dan lembar kuesioner. Analisis data dilakukan secara kualitatif dan kuantitatif.

Produk modul digital berbasis *google sites* pada materi interaksi antar makhluk hidup dan lingkungannya di kelas VII merupakan media pembelajaran digital yang dioperasikan secara *online*, menerapkan prinsip pengembangan media bahan ajar Kemendikbud tahun 2017, dengan komponen utama berupa instruksi, kegiatan pembelajaran, materi belajar, dan evaluasi. Hasil validasi produk modul digital berbasis *google sites* pada materi interaksi antar makhluk hidup dan lingkungannya di kelas VII menunjukkan nilai 85,60%, sehingga dikategorikan “Sangat Valid” dan layak diuji cobakan.

Kata Kunci : *R&D*, Modul Digital, *Google sites* , Materi Interaksi Antar MakhlukHidup dan Lingkungannya

**ABSTRAK**

**DEVELOPMENT OF LEARNING MEDIA USING  
DIGITAL MODULES GOOGLE SITES IN THE MATERIAL  
INTERACTIONS  
BETWEEN LIVING THINGS AND THEIR ENVIRONMENT IN CLASS  
VII**

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*Use of communication technology and information cause learning problems. The development of the world of knowledge and technology, especially related to the education system in schools, requires a change in the attitude of teachers in carrying out learning in the classroom. The purpose of this research is develop and knowing the results of product validation test based on digital modules google sites on the interaction material between living things and the environment in class VII that was developed.*

*This research is research and development (R&D). The research method applies research and development procedures from Borg & Gall, which consists of potential and problem stages, data collection, product design, product validation and design revision. Data collection techniques were carried out by interviews and questionnaires. The instruments used were interview guides and questionnaires. Data analysis was carried out qualitatively and quantitatively.*

*Product based digital module google site in the interaction material between living things and their environment in class VII is a digital learning media that is operated online, applying the principles of the 2017 Ministry of Education and Culture teaching material media development, with the main components in the form of instructions, learning activities, learning materials, and evaluation. Product validation results based on digital modules google sites in the interaction material between living things and their environment in class VII it shows a value of 85.60%, so it is categorized as "Very Valid" and worthy of being tested.*

*Keyword : R&D, Digital Module, Google sites, Interaction Material Between Living Things and Their Environment*