

**PENGEMBANGAN KOMIK IPA TERPADU TEMA  
“MENJAGA KESEHATAN DI MASA PANDEMI COVID-19”  
DENGAN MODEL *WEBBED***

Oleh

**Amilenita Islam Nuriza Febyanti, NIM 1813071033**

**Jurusan Fisika dan Pengajaran IPA**

**ABSTRAK**

Penelitian ini bertujuan (1) mendeskripsikan karakteristik, (2) menganalisis tingkat kevalidan, (3) tingkat kepraktisan, dan (4) tingkat keterbacaan komik IPA terpadu tema menjaga kesehatan di masa pandemi COVID-19. Jenis penelitian ini adalah penelitian dan pengembangan (R&D) menggunakan model 4D (*Define, Design, Develop, Disseminate*), namun pada penelitian ini hanya dilakukan sampai tahap *develop* karena keterbatasan waktu penelitian. Data hasil penelitian ini meliputi karakteristik, tingkat kevalidan, tingkat kepraktisan, dan tingkat keterbacaan komik IPA terpadu yang diperoleh dengan memberikan angket. Subjek pada penelitian ini yaitu dua ahli Pendidikan IPA untuk uji kevalidan, lima guru IPA SMP untuk uji kepraktisan, dan 15 siswa kelas VIII terdiri atas SMP Negeri 1 Selemadeg, SMP Negeri Selemadeg Timur, dan SMP Negeri 1 Selemadeg Barat untuk uji keterbacaan. Data yang diperoleh dianalisis secara deskriptif. Karakteristik komik IPA terpadu tema menjaga kesehatan di masa pandemi COVID-19 ialah (1) diawali dengan pengenalan wabah COVID-19, (2) model keterpaduan *webbed*, (3) berpendekatan saintifik, (4) dilengkapi dengan kegiatan eksperimen dan evaluasi, (5) komik elektronik berbentuk *flipbook*. Hasil kevalidan komik IPA terpadu memperoleh kategori sangat valid (skor 0,80), kepraktisan memperoleh kategori sangat praktis (skor 4,51), dan keterbacaan memperoleh kategori sangat terbaca (skor 4,53). Berdasarkan data hasil penelitian, komik IPA terpadu tema menjaga kesehatan di masa pandemi COVID-19 dapat diuji coba ke tahap selanjutnya, yaitu uji keefektifan produk.

**Kata Kunci:** Komik, IPA, terpadu, model keterpaduan *webbed*

**DEVELOPMENT OF INTEGRATED SCIENCE COMICS THE THEME  
“MAINTAINING HEALTH DURING THE COVID-19 PANDEMIC”  
WITH A WEBBED MODEL**

By

**Amilenita Islam Nuriza Febyanti, NIM 1813071033**

**Physics and Science Education Department**

**ABSTRACT**

*This research aims to (1) describe the characteristics, (2) analyze the level of validity, (3) the level of practicality, and (4) the level of readability of integrated science comics with the theme of maintaining health during the COVID-19 pandemic. This type of research is research and development (R&D) using a 4D model (Define, Design, Develop, Disseminate), however this research was only carried out until the develop stage due to limited research time. The data from this research is the characteristics, level of validity, level of practicality, and readability level of integrated science comics obtained by providing questionnaires. The subject of this research is two science education experts for validity tests, five junior high school science teachers for practicality tests, and 15 class VIII students consisting of SMP Negeri 1 Selemadeg, SMP Negeri Selemadeg Timur, and SMP Negeri 1 Selemadeg Barat for the readability test. The data obtained are analyzed descriptively. The characteristics of integrated science comics with the theme of maintaining health during the COVID-19 pandemic are (1) starting with the introduction of the COVID-19 outbreak, (2) webbed integrated science, (3) scientific closeness, (4) equipped with experimental and evaluation activities, (5) electronic comics in the form of flipbooks. The results of the validity of integrated science comics obtained the very valid category (score 0.80), the practicality obtained the very practical category (score 4.51), and the readability obtained the highly legible category (score 4.53). Based on the data from the research, the integrated science comic with the theme of maintaining health during the COVID-19 pandemic is worthy of being tested to the next stage, namely testing the product effectiveness.*

**Keywords:** *Comics, science, integrated, webbed cohesive model*