

**THE DEVELOPMENT OF COMIC LEARNING MEDIA ON THE
HUMAN RESPIRATORY SYSTEM TOPIC TO FACILITATE STUDENT
HEALTH LITERACY**

RESEARCH PAPER

Submitted as Requirement to Obtain Degree of *Sarjana Pendidikan* in
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The Development of Comic Learning Media on The Human Respiratory System Topic to Facilitate Student Health Literacy

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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Sarjana Pendidikan pada Fakultas Pendidikan Matematika dan Ilmu Pengetahuan Alam

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APPROVAL SHEET

**THE DEVELOPMENT OF COMIC LEARNING MEDIA ON THE HUMAN
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DECLARATION

I hereby declare that every aspect written in this research paper entitled “The Development of Comic Learning Media on The Human Respiratory System Topic to Facilitate Student Health Literacy” genuinely results from my original idea, efforts, and works. The theories, finding of experts, opinions, and others in this paper have been quoted or referenced based on the scientific code from UPI and following scientific ethics that applies in scholarly society. This declaration is created truthfully and consciously. When an infringement towards scientific ethics subsequently is found or if there is a claim of any others towards the authenticity of this research paper, hence I am willing to be responsible and accept academic sanctions corresponding to the rules.

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THE DEVELOPMENT OF COMIC LEARNING MEDIA ON THE HUMAN RESPIRATORY SYSTEM TOPIC TO FACILITATE STUDENT HEALTH LITERACY

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ABSTRACT

Basic Health Research (Riskesdas) and The Global Youth Tobacco Survey (GYTS) identify that there has been an increase in the prevalence of smokers among teenagers, this indicates low health literacy among junior high school students. One effort to facilitate student health literacy is to develop interactive learning media. Therefore, this research developed comic as a learning media on the topic of the respiratory system to facilitate health literacy. This research used the developmental research method with the ADDIE model which has 5 stages, namely Analysis, Design, Development, Implementation, and Evaluation. The subjects in this study were three experts, four science teachers, and 34 8th-grade students. The comic that has been developed was validated by three experts using the expert judgement rubric. The data was gathered from students and science teachers using a questionnaire. Data validation by experts was computed using Aiken's Variable formula, while data from the questionnaires were analyzed by calculating the percentage of agreement. Expert judgement validation gets a score of 0.88 which indicates high validity. The questionnaire results from both students and science teachers obtained a quite high percentage, 96.57% for students and 95.83% for teachers. This suggests a high level of agreement of comic as learning media to be implemented in respiratory system topic to facilitate students' health literacy. These findings collectively show the feasibility of comics as a learning medium for the topic of the respiratory system, so that it effectively supports students' health literacy efforts.

Keywords: *Comic, Health Literacy, Learning Media, Respiratory System.*

**PENGEMBANGAN MEDIA PEMBELAJARAN KOMIK PADA TOPIK
SISTEM PERNAPASAN MANUSIA UNTUK MEMFASILITASI
LITERASI KESEHATAN SISWA**

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ABSTRAK

Riset Kesehatan Dasar (Riskesdas) dan *The Global Youth Tobacco Survey (GYTS)* mengidentifikasi adanya peningkatan prevalensi perokok di kalangan remaja, hal ini menunjukkan rendahnya literasi kesehatan di kalangan siswa sekolah menengah pertama. Salah satu upaya untuk memfasilitasi literasi kesehatan siswa adalah dengan mengembangkan media pembelajaran interaktif. Oleh karena itu, penelitian ini mengembangkan komik sebagai media pembelajaran dengan topik sistem pernapasan untuk memfasilitasi literasi kesehatan. Penelitian ini menggunakan metode penelitian pengembangan dengan model ADDIE yang memiliki 5 tahap, yaitu Analisis, Desain, Pengembangan, Implementasi, dan Evaluasi. Subjek dalam penelitian ini adalah tiga ahli, empat guru ilmu pengetahuan, dan 34 siswa kelas 8. Komik yang telah dikembangkan divalidasi oleh tiga ahli menggunakan rubrik penilaian ahli. Data dikumpulkan dari siswa dan guru ilmu pengetahuan menggunakan kuesioner. Validasi data oleh para ahli dihitung menggunakan rumus Variabel Aiken, sedangkan data dari kuesioner dianalisis dengan menghitung persentase kesepakatan. Validasi penilaian ahli mendapatkan skor 0,88 yang menunjukkan validitas tinggi. Skor ini menunjukkan bahwa para ahli menganggap komik tersebut sebagai alat pembelajaran yang efektif dan relevan untuk memfasilitasi literasi kesehatan dalam konteks topik sistem pernapasan. Hasil kuesioner dari siswa dan guru ilmu pengetahuan juga mengungkap persentase yang cukup tinggi. Di antara siswa, 96,57% memberikan tanggapan positif, sementara di antara guru, tingkat tanggapan positif adalah 95,83%. Temuan ini secara kolektif menunjukkan adanya konsensus yang signifikan terkait viabilitas komik sebagai media pembelajaran untuk topik sistem pernapasan, yang dengan efektif mendukung upaya literasi kesehatan siswa.

Kata Kunci: *Komik, Literasi Kesehatan, Media Pembelajaran, Sistem Pernapasan.*

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