

**DEVELOPING ENGLISH SPEAKING MATERIALS
INTEGRATING SUSTAINABILITY LITERACY AND VISUAL
THINKING STRATEGIES FOR SENIOR HIGH SCHOOL**



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A Thesis Submitted in Partial Fulfilment of the Requirements for the Degree of
Master Program of English Language Education

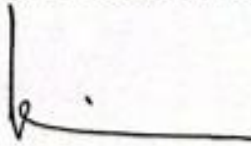
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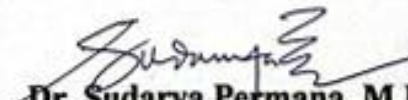
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Jakarta, 19th August 2026



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ABSTRACT

Irma Maulia. (2026). *Developing English Speaking Materials Integrating Sustainability Literacy and Visual Thinking Strategies for Senior High School*. Thesis Jakarta: Master Program of English Language Education, Faculty of Language and Arts, Universitas Negeri Jakarta.

This study aimed to identify the needs for, develop, and validate an English-speaking prototype e-module integrating Sustainability Literacy and Visual Thinking Strategies (VTS) for eleventh-grade senior high school students. This Research and Development (R&D) study employed the ADDIE model, consisting of Analysis, Design, Development, and Evaluation. Data were collected through document analysis and interviews with three senior high school English teachers to identify existing practices, learning needs, and challenges in teaching speaking. The findings from the analysis stage informed the design and development of an English-speaking e-module aligned with the Merdeka Curriculum, CEFR B1 descriptors, Sustainability Literacy dimensions (People, Prosperity, and Planet), and Visual Thinking Strategies. The developed prototype e-module comprises four themes: *Communicating Wellness*, *Learning for Change*, *Work that Matters*, and *Voices for the Ocean*. Sustainability Literacy serves as the thematic content, while Visual Thinking Strategies function as the instructional approach to support English-speaking activities. The developed materials were evaluated by educational experts in terms of Sustainability Literacy content, Visual Thinking Strategies, speaking skills, language, and organization, achieving a score of 168 out of 180 (93.33%), indicating that the prototype e-module is highly valid and suitable for use as a supplementary resource for teaching English speaking in senior high schools.

Keywords: English speaking, e-module, Research and Development, Sustainability Literacy, Visual Thinking Strategies (VTS).

ABSTRAK

Irma Maulia. (2026). Pengembangan Materi Berbicara Bahasa Inggris yang Mengintegrasikan Literasi Keberlanjutan dan Strategi Berpikir Visual untuk Sekolah Menengah Atas. Tesis. Jakarta: Program Studi Pendidikan Bahasa Inggris, Fakultas Bahasa dan Seni, Universitas Negeri Jakarta.

Penelitian ini bertujuan untuk mengidentifikasi kebutuhan, mengembangkan, dan memvalidasi prototipe e-modul keterampilan berbicara bahasa Inggris yang mengintegrasikan Literasi Keberlanjutan dan *Visual Thinking Strategies* (VTS) bagi siswa kelas sebelas SMA. Penelitian Pengembangan (*Research and Development* atau R&D) ini menggunakan model ADDIE, yang mencakup tahap Analisis, Desain, Pengembangan, dan Evaluasi. Data dikumpulkan melalui analisis dokumen dan wawancara dengan tiga guru bahasa Inggris SMA untuk mengidentifikasi praktik yang sedang berjalan, kebutuhan belajar, serta tantangan dalam pengajaran keterampilan berbicara. Temuan dari tahap analisis menjadi dasar bagi desain dan pengembangan e-modul keterampilan berbicara bahasa Inggris yang selaras dengan Kurikulum Merdeka, deskriptor CEFR tingkat B1, dimensi Literasi Keberlanjutan (Masyarakat/*People*, Kesejahteraan/*Prosperity*, dan Lingkungan/*Planet*), serta *Visual Thinking Strategies*. Prototipe e-modul yang dikembangkan mencakup empat tema: *Communicating Wellness*, *Learning for Change*, *Work that Matters*, dan *Voices for the Ocean*. Literasi Keberlanjutan menjadi konten tematis, sementara *Visual Thinking Strategies* berfungsi sebagai pendekatan pembelajaran untuk mendukung aktivitas berbicara bahasa Inggris. Materi yang dikembangkan dievaluasi oleh para ahli pendidikan dari segi konten Literasi Keberlanjutan, *Visual Thinking Strategies*, keterampilan berbicara, aspek kebahasaan, dan sistematika penyajian; prototipe e-modul ini memperoleh skor 168 dari 180 (93,33%), yang menunjukkan tingkat validitas tinggi dan kelayakan untuk digunakan sebagai sumber belajar tambahan dalam pengajaran keterampilan berbicara bahasa Inggris di SMA.

Kata kunci: Berbicara bahasa Inggris, e-modul, Penelitian dan Pengembangan, Literasi Keberlanjutan, *Visual Thinking Strategies* (VTS).

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I hope this thesis brings a positive contribution to English Language Education and to the broader field of education and research. May it also serve as a valuable reference for future research.

Sincerely yours,
Irma Maulia.

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