

Distribution March 8, 2024 (Fri),  
15:00Publication (Online) March 10, 2024 (Sun), 09:00  
(Paper) March 11, 2024 (Mon), Morning

## MOE Teams Up with EBS to Drive AI Digital Textbooks

- MOE and EBS partner to offer rich educational content available for AI textbooks including videos and assessment tools
- AI digital textbooks will deliver wide-ranging personalized learning experiences

The Ministry of Education (Deputy Prime Minister and Minister of Education Lee Ju-Ho) and the Korea Broadcasting Corporation (President Kim Yoo-yeol) are joining forces to provide educational content for developers. This initiative aims to support the creation of high-quality AI digital textbooks.

In June of last year, the Ministry of Education announced the AI Digital Textbook Promotion Plan. This plan outlines the introduction of AI digital textbooks in 2025, starting with courses in math, English, informatics, and Korean language (special education). Unlike traditional textbooks, AI digital textbooks can analyze a student's individual learning style, interests, and understanding. This allows them to recommend personalized educational content, fostering a more customized learning experience.

※ Phased introduction for target grades (2025): Elementary grades 3 & 4, middle school grades 1 &, high school grade 1 (phased introduction)

※ Development timeline: Development (~Aug. 2024) → Test screening (Aug –Nov. 2024) → School application (Mar. 2025)

The Ministry of Education is committed to the successful development of AI digital textbooks. In August, it published AI Digital Textbook Development Guidelines and provided technical support through partnering organizations. Now, they are expanding their support to include a wider range of educational content beyond what developers can create alone.

\* Korea Institute for Curriculum and Evaluation (English screening), Korea Foundation for the Advancement of

Science and Creativity (Math & Informatics screening), Korea Education and Research Information Service (technical documentation guidance), Communications Technology Association (security certification consulting)

In collaboration with the Korea Educational Broadcasting Service (EBC), the Ministry will provide developers with access to over 1,300 EBS-owned conceptual understanding videos and 97,000 assessment questions (including 73,000 in math and 24,000 in English). Additionally, it plans to strengthen content support by linking with the Korea Foundation for the Advancement of Science and Creativity's Algeomath, an engineering tool for digital math.

These resources will allow AI digital textbooks to adapt to each student's learning level and pace, fostering confidence in learning. Teachers will also benefit, as they will be empowered to deliver more customized education.

"AI digital textbooks are a key tool to revolutionize the teacher-led classroom," said Oh Seok-hwan, Vice Minister of Education. "We understand that diverse educational content is essential for teachers to personalize learning. Therefore, we remain committed to expanding support for AI digital textbook development, including providing high-quality content.

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