KERIS
Contribute to the quality education and educational research through the establishment and operation of an educational information service
Connect Global, Create Future

- Build a national system for nurturing creative talents
- Secure global competitiveness
- Lead Clean & Green IT
- Establish an advanced system for educational administration and finance
- Build a user-based national knowledge sharing & distribution system
The goal of Smart Education is to switch from grade-centered quantitative assessment for university entrance examinations to descriptive and qualitative assessment of student abilities and break away from limited knowledge in paper textbooks and offer students environments where they can have access to various and creative knowledge, and that ensure students' basic education and nurture their talents according to their various levels.
SMART

Promoting online classes and assessments
- Promoting online classes in regular subjects
- Promoting university-level online programs
- Creating an online learning diagnosis system

Sharing of educational content and establishing a safe environment
- Promoting the sharing of educational content for public interests
- Revising related laws and systems
- Preparing the management system for educational content
- Creating a culture for educational content donation and sharing

Expansion and application of digital textbook
- Step-by-step development of digital textbooks
- Developing and applying smart learning models
- Revising laws and systems related to digital textbooks

Building teacher capacity for Smart Education
- Developing and organizing teacher training programs
- Enhancing training environment
- Training and allocating Smart Education personnel

Establishing a platform for cloud-based education services
- Establishing school infrastructure for Smart Education
- Creating an open market for educational content
- Developing a standard platform

Educational content
- Educational method and assessment
- Educational environment
Smart Education Strategy Timeline

2011
Developing Smart Education Information Strategy Planning

2012
Smart Education System Application and Standardization

2013
Expansion of Smart Education

2014
Implementation of Smart Education
Digital Textbook Project
Convenient individualized learning on various devices
(anywhere, anytime on any device)

Various content saved on the servers can be used on various devices and can be accessed anywhere at any time, offering optimal individual learning by increasing students’ accessibility and usability to the educational content.
Use of digital textbook on various devices
<table>
<thead>
<tr>
<th>Year</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>Making strategies for developing and expanding the use of digital textbooks</td>
</tr>
<tr>
<td>2013</td>
<td>Setting the standards for digital textbook development</td>
</tr>
<tr>
<td>2014</td>
<td>Developing digital textbook</td>
</tr>
</tbody>
</table>
스마트해진 교과서를 만나보세요!

e-교과서는 인터넷으로 다운 받아, 다양한 멀티미디어 자료와 교수학습지원기능을 활용하여 교과 내용을 효과적으로 학습할 수 있는 발전된 형태의 교과서입니다.

인증번호를 입력하세요

조회
한 날밤이 지닌 여러 가지 뜻을 구별하는 방법을 알아 봅시다.

1. 사진을 보며 ‘인간을 잘은 친구도’를 들어 봅시다.

2. ‘인간을 잘은 친구도’를 다시 듣고 문음에 답하여 봅시다.
   (1) 친구의 암컷과 수컷의 머리는 어떻게 보이나요?

   (2) 친구가 도구를 사용하여 먹이를 잡는 것을 보면 무엇을 알 수 있나요?

   (3) 친구의 행동 중에서 사람과 닮은 점은 무엇인가요?

3. ‘인간을 잘은 친구도’에 나오는 표현에서 파란색으로 쓴 날밤에 해당하는 뜻을 찾아 선으로 이어 봅시다.

   - 고는 남자하고
   - 사람이나 동물의 몸 흰부분.
   - 머리에는 털이 없거나
   - 생장하고 편한하는 능력.
   - 머리가 goede는
   - 날밤. 
   - 코를 닦아 주는
   - 연급 중앙에 놓여있는 부분.

한 날밤에 일담 여러 가지 뜻을 구별하기로 이어가기의 힘을 실생활에 병리해 보고, 국가사전에서 찾아보면요.
제절 변화의 원인은 무엇일까요?

계절이 바뀌면서 자연이 여름으로 달라집니다. 계절에 따라 여러 변화가 일어나는 까닭은 무엇일까요? 계절이 바뀌는 원인을 탐구하여 보시다.

무엇이 필요할까요?

태양 고도 측정기 인쇄

자전축의 각도를 조정할 수 있는 지구본, 없 을 수 없는 전기 스타드, 빛더, 압력텐서, 차 가위, 태양 고도 측정기

자전축이 수직인 채 공전할 때

자전축이 기울어진 채 공전할 때
What the future textbook will become
- Textbook itself? Learning system?
- Many definitions, ideas…

Small educational effect
- Not really different from paper textbook
- Concerns about negative effect
- Return on investment

Integration into the existing educational system
- Change of textbook system, classroom teaching, school management
- Resistance against the reform
- The role of Digital Textbook in classrooms
Connect Global, Create Future KERIS