

Intel® Education Teaching and Learning Ideas for Kno Textbooks*

Teachers and students can use Intel® Education software and unit plans to activate higher order thinking skills and foster greater student engagement.

An Interactive eReader Designed Specifically for Education

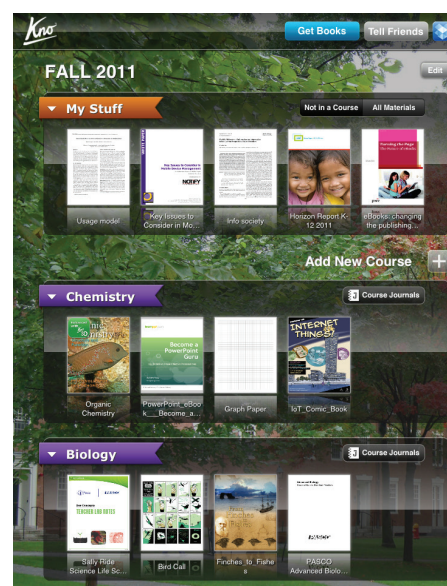
Kno Textbooks* provides intuitive tools to navigate and search across a variety of course materials and sources. Students can efficiently organize reading materials using the term- and course-management functions. Flexible annotation tools enable educators and students to add notes, links, drawings, and other references.

The following unit plans are included as examples on how to use Kno Textbooks to promote student learning at your school. The unit plans address the following objectives to improve teaching and learning:

Elementary School: Reading Literature

Middle School: Literacy

High School: Probability and Statistics



Intel Education Unit Plan: Where in the World is Cinderella

By posing the unit and content questions on the board, the teacher creates a game out of the search for information. The interaction with the digital content through the Kno Textbooks application comes in the form of highlighting, adding notes with the answers to the posed questions, and creating an easy-to-access journal of notations for each document.

In this unit, students travel the globe to see how different cultural influences change the story of Cinderella. As they work through the unit activities, students read and analyze many versions of this classic tale, learn more about the literary genre, and study both character development and the difference that point of view can make in the telling of a tale.

Grade Levels:

3-5

Higher Order Thinking Skills:

Inference and analysis

Key Learning Objectives:

Cultural literacy, geography, and fairy tales

[> Visit this resource](#)

Intel Education Unit Plan: Destination America

By posing the unit and content questions on the board, the teacher creates a search-for-the-information game. The students can use PDFs uploaded to the Kno Textbooks application and answer those questions via annotation through the various documents. The interaction with the text comes in the form of highlighting, adding notes with the answers to the posed questions, and creating an easy-to-access journal of notations for each document.

History comes alive for students as they develop personas and become immigrants who make the journey from Europe to the United States. Throughout this process, students analyze primary source data to create multimedia portfolios that illustrate their experiences.

Grade Levels:

6-8

Higher Order Thinking Skills:

Critical analysis, questioning, assessment, and metacognition

Key Learning Objectives:

Immigration, Ellis Island, push and pull factors

[> Visit this resource](#)

Intel Education Unit Plan: Using Electricity

The teacher creates PDFs of important articles from Environmental Defense, Electricity Conservation, and Electro-Fishing so that students can highlight, annotate, and keep all their notes on the background learning in one place.

This project-based learning unit focuses on electronic and magnetic phenomena. Students explore how energy is harnessed and produced and used in industry. Students conduct a variety of hands-on laboratory investigations as well as collaborate with the City Electricity Company (CEC) to develop publicity materials. Students choose to create a slideshow presentation, brochure, or web site format that includes information on how electricity concepts and tools are used in a specific job and demonstrates learning based on state standards and unit objectives.

Grade Levels:

9-12

Higher Order Thinking Skills:

Analysis and decision making

Key Learning Objectives:

Careers in electricity and effects on the environment

[> Visit this resource](#)

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