



edusystem[™]
by Dreyfous



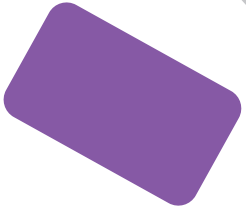
What is EduSystem?

EduSystem is a learning management system that offers up-to-date digital curricular content for the core subjects of Math, Science, History, Social Studies, Spanish, and English. All courses provide lessons that incorporate a variety of digital resources such as interactive presentations, practice activities, assignments, assessments, links, and multimedia. The content allows alignment to the standards and expectations of each subject and level.

Benefits:

- Visually engaging and dynamic presentations
- Math, Science and History courses available in English and Spanish
- Encourages students focus and attention
- Lesson building tool for creating new lessons
- Catalog to access lessons from other subjects and levels
- Tool for creating interactive evaluations
- App for downloading lessons and accessing content locally

www.edusystem.com



What does Edusystem have to offer?

EduSystem supports cutting-edge academic institutions in the transition towards a contemporary pedagogical model by providing the tools and services necessary to transform education with innovative and excellent solutions.

Services:

- Professional development for all participating teachers
- Educational consulting for curricular support or coaching
- Implementation to various teaching models such as blended learning, one-to-one, and virtual education
- Account creation for teachers and students
- Technological infrastructure consulting for networks and audiovisual hardware
- Technical Support
- EduSystem Viewer App (Windows/MacOS/Android/iOS)





Mathematics

EduSystem Math courses aim to develop high-level math skills in the student. Throughout the content, with the strategies and techniques implemented, the student will foster a deep understanding of the concepts along with the skills necessary for the study of subsequent courses.

- Teaching approach based on the development of critical thinking skills
- Topics incorporate situations and problems of their daily lives to awaken the students' interest in math
- Students will make connections between standard topics in algebra, numbering and operation, geometry, measurement, functions, and data analysis
- Interdisciplinary integration of science, history, sports, economics, technology, and engineering, among others, to understand the importance of math as a universal discipline



The terms that are preceded by the + sign are called **positive terms** and the signs that are preceded by the - are called **negative terms**. The + sign is usually omitted before the positive terms.

Positive term	Negative term
$7x^2y^5$	$-5mn^3$

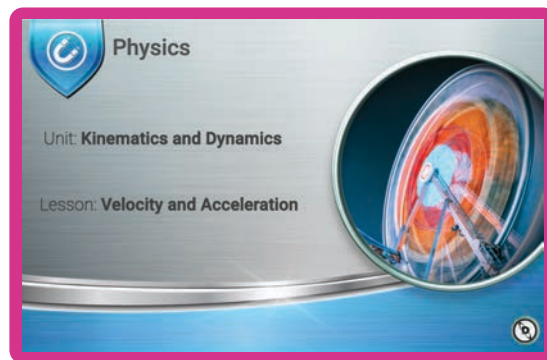
The **coefficient** is the numerical factor of an algebraic expression, it is a fixed value. It is usually represented by a real number. When an algebraic term has a coefficient of 1 it is usually not written down.

$2pq$	$7.5ab^2$	$-\frac{3}{4}g^2t$	$1s^3t = s^3t$
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Science

EduSystem's Science courses encourage each student to build their own knowledge through the cognitive development of scientific concepts, principles, and laws. They promote logical and analytical thinking, interpretation and problem solving, and scientific research and experimentation. At the same time, they stimulate the study of different fields of science such as biology, chemistry, physics, and earth and space sciences.

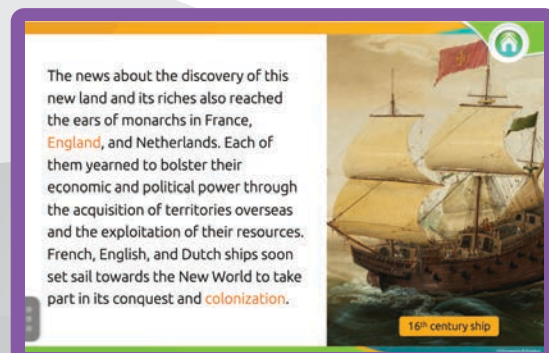
- Provides activities based on the theoretical approaches of multiple intelligences, arousing the interest and scientific curiosity of the student
- Stimulates creativity through games, dramatizations, riddles, experiments, comments on well-known movies and web links
- Promotes the study of the environment and creates awareness in students about conservation and the commitment to protect it
- Encourages problem solving using the scientific method



Social Studies and History

EduSystem's Social Studies and History courses have as their main objective the critical study of human action through time and space. These courses analyze the profound changes in history and the role that the responsible citizen must assume in the face of new challenges in society.

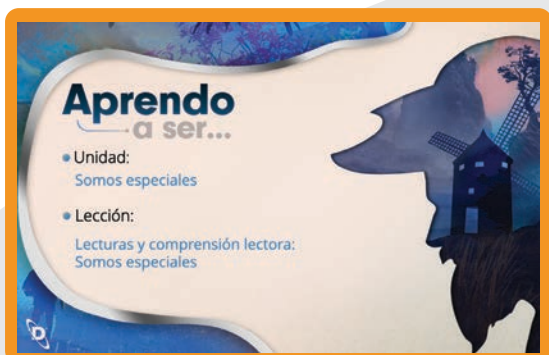
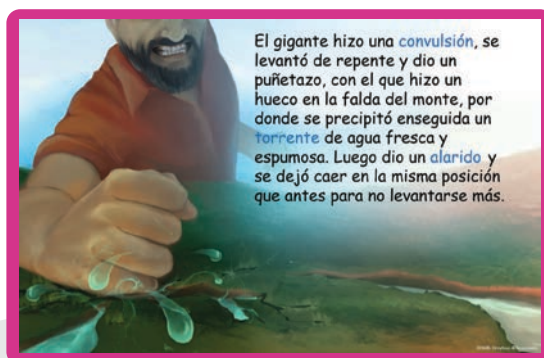
- Explores concepts such as identity, ethical and civic work, spatial organization, historical process, economic organization, social structure, culture, technological society and global relations
- Pedagogical approach focused on the development of critical thinking skills as means for the integral formation of the human being
- Emphasizes on the link between curricular content and the student's active participation as citizen to awaken their interest in historical and social processes
- Integrates contents such as Geography, Political Science, Economics, Anthropology, Sociology, and Psychology



Spanish

EduSystem's Spanish courses help students to correctly develop speaking, listening, reading and writing skills, through a humanistic and constructivist approach and an innovative methodology.

- Focuses on implementing the curriculum and developing their skill set
- Curricular activities that promote critical thinking by integrating reflection and analysis
- Attractive visual elements such as diagrams, sketches, tables, graphic organizers, rubrics, and checklists
- At the elementary level, the cognitive development of reading and writing skills, as well as mastery of the components of the language are carried out.
- At the secondary level, the curriculum is designed to focus on the development of reading comprehension, the writing process, oral communication and command of the language (lexical reasoning, spelling and grammar).



English

The English courses provide an understanding of language arts and the application of communication skills to develop students' reading comprehension and analysis. These courses aim to provide the student with a series of learning experiences that lead him to fluently master the language.

- Designed using the ECA (exploration, conceptualization, and application) teaching strategy for each of its lessons
- Focuses on expanding speaking and reading comprehension skills
- Develops the ability to write complete sentences, paragraphs and essays following appropriate grammar and punctuation rules
- Promotes the study of classical or contemporary literary works, according to their level
- Builds on acquired knowledge to improve their communication, critical thinking and listening skills, as part of their training for college and future careers





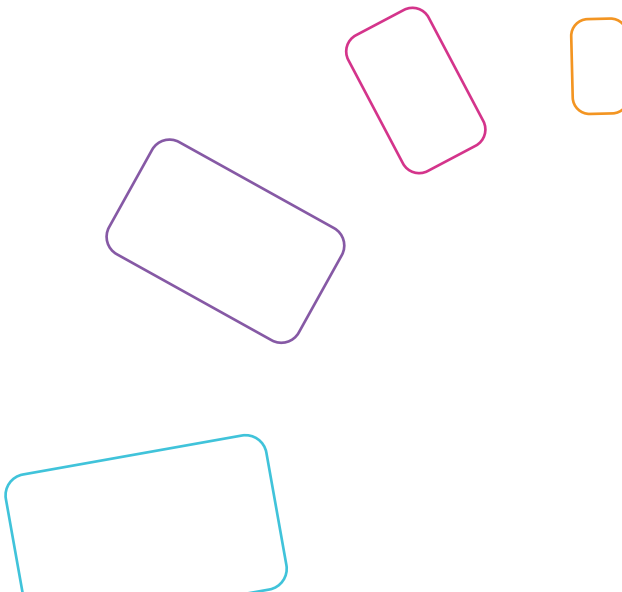
Planning Module

The planning module provides the teacher with the facility to efficiently create and organize their plans. This dynamic service allows the creation of templates for educational plans that fit the planning needs of your school.

- Design of planning models
- Selection of multiple items for your planning development
- Integrated search engine for standards, expectations, and keywords
- Options available to add additional resources (lessons and links)
- Convert planning into PDF format easily

Evaluation

The evaluation module allows the teacher to construct evaluations using a wide variety of item types, such as: true or false exercises, matching, and multiple choice, among others. Managing the students' scores, grades and evaluations is easy, since the system automatically corrects them and sends them to the teacher. In addition, it allows the teacher to share the assessments created with the teaching community of their school.

- Item auto-correction
 - Individualization the evaluation process
 - Creation and distribution of evaluations through an evaluation bank
 - Handling scores and grades for jobs or daily activities
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