

Σελίδες με προγράμματα στο διαδίκτυο

CCSS. Common Core State Standards in Mathematics

Το Common Core State Standards είναι το Αμερικάνικο πρόγραμμα σπουδών για τα μαθηματικά. Στο χώρο eResources υπάρχουν διάφορες ηλεκτρονικές βάσεις και προγράμματα για τη διδασκαλία των μαθηματικών.

Το πρόγραμμα CCSS the Common Core State Standards in Mathematics

<http://www.corestandards.org/Math>

CCSS eResources

<http://www.livebinders.com/play/play/187117#anchor>

Τοποθεσίες με εφαρμογίδια (Applets)

· NCTM-STANDARDS

[www.nctm.org.illuminations](http://www.nctm.org/illuminations)

NATIONAL LIBRARY OF VIRTUAL MANIPULATIVE

<http://nlvm.usu.edu/>

Math Playground

<http://www.mathplayground.com/>

Πρόκειται για μια σελίδα (Math Playground) στην οποία υπάρχουν διάφορες διασκεδαστικές δραστηριότητες μαθηματικού περιεχομένου, για μαθητές δημοτικού. Τα περισσότερα μαθηματικά αντικείμενα της ύλης του δημοτικού καλύπτονται σε κάποια δραστηριότητα.

PrimiryGames

<http://www.primarygames.com/>

Σελίδα με εκπαιδευτικά παιχνίδια

Brain Pop

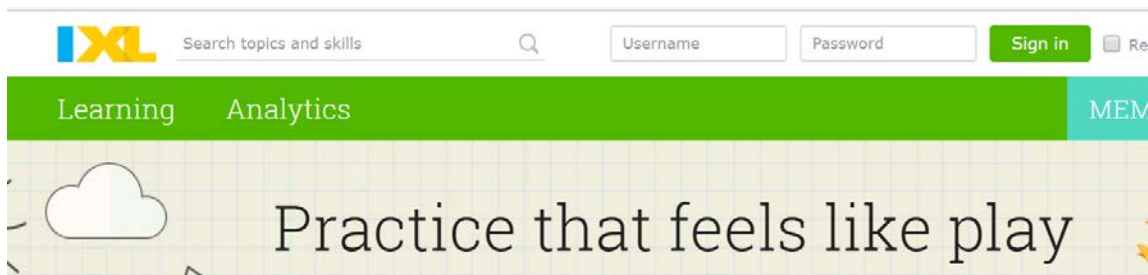
<https://www.brainpop.com/math/>

Σελίδα με μαθηματικά θέματα

GAME FINDER

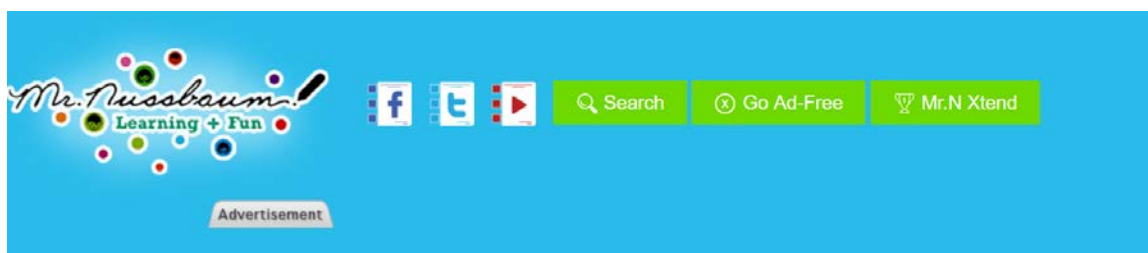
<https://www.brainpop.com/games/game-finder/>

Σελίδα αναζήτησης παιχνιδιών



<https://eu.ixl.com/>

Σελίδα με εκπαιδευτικό υλικό



<http://mrnussbaum.com/>

Σελίδα με εκπαιδευτικό υλικό

SoftSchools.com

ELSEVIER



Store, Link or Publish
your research data

Pre-K Kindergarten 1st Grade 2nd Grade 3rd Grade 4th Grade 5th Grade Middle School High Sch

<http://www.softschools.com/>

Σελίδα με εκπαιδευτικό υλικό

Kids Math Games 5 8
Have fun learning online!

Science Math English

Google Custom Search

Search

Home

Numbers

Geometry

Facts

Worksheets

Videos

Quizzes

Pictures

Fun stuff

<http://www.kidsmathgamesonline.com/>

Σελίδα με εκπαιδευτικό υλικό



<https://www.ezschool.com/>

Σελίδα με εκπαιδευτικό υλικό



<http://www.abcya.com/>

Σελίδα με εκπαιδευτικό υλικό

Εκπαιδευτικές βάσεις με μαθηματικά

Free



<https://www.khanacademy.org/>

The **Kahn Academy** is another all-inclusive program. This program, founded by Sal Kahn in 2004, is a series of 10-20 minute YouTube lectures. Each lecture is delivered by Sal, who has three degrees from MIT. The only requirement to be able to access the Kahn Academy materials is a Google or Facebook account (both programs are free). These lectures target specific concepts for students to learn. The program also has a "knowledge map" where students complete math exercises to earn rewards called badges. The knowledge map begins with basic elementary math concepts (addition 1) and moves through a series of calculus lessons. To advance, the students must successfully answer ten questions on a given topic in a row. If a student struggles, or decides they do not completely understand a given concept, they can link back to the appropriate lecture. The Khan Academy also includes a coach login, where a teacher and/or parent may be connected to a student account. This allows a teacher to track topics a student has covered, how long they spent on that topic, the lectures they watched

d, and their proficiency. The benefit of this program is that it is very user friendly, it is free, and it tracks data well.

Possible drawbacks include that it doesn't follow a prescribed curriculum and it requires the student to be driven. The Kahn Academy is currently piloting Kahn Academy 2.0 in Los Altos. Evidence from the pilot program is expected around January 2012.



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<https://www.mathlearningcenter.org/home>

 **The Math Learning Center**
The Math Learning Center (MLC) is a nonprofit organization serving the education community. Our mission is to inspire and enable individuals to discover and develop their mathematical confidence and ability.

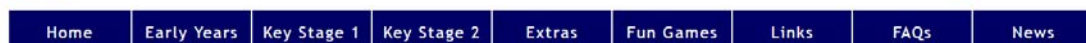
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<https://www.mathlearningcenter.org/home>

Crickweb - free online education resources & games



<http://www.crickweb.co.uk/ks2numeracy-tools.html>

No free



I Can Learn Program

Education Innovators
Skype Tutors
Professional Development
Online Learning
Microsoft Global Partners

The *I Can Learn* program works to provide a complete educational experience. One distinguishing feature of this program is that it has proven positive statistical results through randomly controlled trials (RCTs). The two main studies of 3541 and 2400 students respectively, have been peer reviewed by the US Department of Education's What Works Clearinghouse (Kirby, 2004; Kirby, 2006). Both reviews concluded that the studies met the RCT standards and had positive effects. A number of other reviews by the What Works Clearinghouse have not met the WWC evidence standards or have met the standards with reservations. The online program includes a warm up section, a lesson presentation with detailed lectures, an *I Can Learn* tutor, and quizzes. The tutor

program prompts students to answer questions throughout the lesson, and includes a progression to help them proceed.

If a student misses a question, the tutoring program offers hints, and then connects the student back to the part in the lesson that addresses the concept. The quizzes are graded instantly and the students receive feedback about their performance and what questions they missed. The benefits of this program are its very detailed material, its tutoring component, and its data system. One possible drawback of this system is its costs.

<http://www.icanlearnprogram.org/>



[TeachableMath](https://teachablemath.com/start-here/)

Math Resources by US-based Singapore Teachers

<https://teachablemath.com/start-here/>

Ψηφιακό σχολείο (Ελληνικό)

Ψηφιακό Σχολείο. Δουλεύει από δίκτυο. Εδώ βρίσκονται τα βιβλία σε ψηφιακή μορφή κατά ενότητες. Ενδιαφέρον έχει το υποστηρικτικό υλικό στα μαθηματικά, υπάρχει για τις τάξεις Ε' και Στ'. Είναι εφαρμογές στα μαθηματικά με τη χρήση της τεχνολογίας.

<http://digitalschool.minedu.gov.gr/>