



Ultimate Math Invaders v.1

Overview

Grades K - 8

The fast-paced space invaders game that drills number facts and tables! Like the original, the point of Ultimate Math Invaders is simple -- Get them before they get you!

Stave off wave after wave of attack by correctly answering questions covering a wide range of topics including Number Facts, Addition, Subtraction, Multiplication, Division, Squares and Square Roots, Fractions, Decimals, Percentages, Powers, Directed Numbers, Roman Numerals and more. This is a game of speed and reaction, as it aims to strengthen students' computational skills and conceptual understandings.

With thousands of math facts sequenced across 11 challenging levels covering curriculum from Kindergarten well into high school, Ultimate Math Invaders is the perfect game for helping kids of any age practice their math skills.

★ Key Info ★

Subject:	Math NCTM-aligned
Grades:	K - 8
Players:	1 player per game
Windows:	Windows XP/Vista
Mac:	Mac OS X 10.3 or later (incl Intel)
Media:	CD-ROM Full Install Enabled

Network Ed: Yes

★ Awards & Accolades ★



National Parenting Center Seal of Approval

"... You will be delighted with the reaction you'll get when you give your 'student' Ultimate Math Invaders... Parents found that the game knew, almost magically, the right buttons to press for their child to keep them interested and involved."

Space Invaders format combines fun and engaging play with quick-fire math challenges to strengthen essential math skills

Thousands of questions across 14 topics & 11 levels ensures comprehensive curriculum coverage

Class management tools allow individual student monitoring while also allowing teachers to set-up fun activities like in-class High Score competitions

Learning Objectives

Ultimate Math Invaders is curriculum-rich and correlated with the Principles & Standards from the National Council of Teachers of Mathematics. Teachers can easily assess whether students have met specific curriculum outcomes.

The content is sequenced across 11 challenging levels covering 14 content areas:

- | | |
|--------------------------------|---|
| 1. Counting & Numeration | 8. Fractions |
| 2. Addition | 9. Addition & Subtraction of Decimals |
| 3. Subtraction | 10. Division & Multiplication of Decimals |
| 4. Multiplication Tables | 11. Percentages |
| 5. Mixed Multiplication Tables | 12. Squares & Square Roots |
| 6. Extension Multiplication | 13. Directed Numbers |
| 7. Extension Division | 14. Power |

Ultimate Math Invaders adheres to NCTM Standards & Principles and meets the ELAR criteria from California Learning Resource Network.



CODiE Awards Finalist:



Best Education Instructional Program: Mathematics

ComputEd Gazette EDDIE & BESSIE Awards:



Best Upper Elementary Math Software



Best Early Elementary Math Software

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Key Features

- Like the classic arcade game, Space Invaders, players need to defend against waves of attacking aliens
- Ships are “upgraded” and game environments change as player clears each level
- Gameplay complexity can be adjusted to match individual skill levels
- High Score lists track scores across groups or classes
- Contains thousands of math facts across 14 topics and sequenced over 11 levels
- Content is aligned with NCTM standards & principles for Kindergarten through 8th Grade
- Teacher tools provide complete control over curriculum assignments on both group and individual student level
- Student performance is tracked to the question level
- Administrative functions support up to 512 classes or groups and 2,048 students.
- Available as a network version, with networkable administration and record-keeping

Benefits

- Multi-levelled gameplay will keep students of all ages engaged and motivated
- Teachers control gameplay and content to ensure each student’s individual needs are met
- High Score lists can be used to set up Group and Class competitions to increase motivation and fun even more
- Provides broad coverage of classroom content and concepts
- Depth and breadth of content ensures challenges are not repetitive and game stays fresh
- Easy classroom assignment creation with customization for individual needs
- Great tool for all student needs, including those who want to stretch and those who have fallen behind
- Easy class and group set-up and management
- Centralized record-keeping and administration

School Licenses

TITLE	SKU #	GRADE RANGE	SEATS	PLATFORM	MEDIA	PACKAGING
Ultimate Math Invaders SE - 02-User	701023-02	K - Gr. 8	2	Win/Mac	2 CD	DVD Amaray
Ultimate Math Invaders SE - 05-User	701023-05	K - Gr. 8	5	Win/Mac	2 CD	DVD Amaray
Ultimate Math Invaders SE - 25-User	701023-25	K - Gr. 8	25	Win/Mac	2 CD	DVD Amaray
Ultimate Math Invaders SE - Network	701023-NW	K - Gr. 8	Site	Network	2 CD	DVD Amaray

System Requirements



PC
Windows 98 or later (including XP/Vista), 233MHz Processor or faster, 800x600 capable screen.
Full Install Available. Does not require CD in drive.



Mac
OS X (PowerPC or Intel Mac) 10.3/10.4/10.5 or later, 300MHz Processor or faster, 800x600 capable screen.
Full Install Available. Does not require CD in drive.

Network Ed. Requires installation of EdAlive Server
Windows 98 or later (including XP/Vista), 500MHz Processor or faster.
OS X (PowerPC or Intel Mac) 10.3/10.4/10.5 or later, 500MHz Processor or faster. Server computer with a static IP address is recommended



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