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Student Manual

Excellence In Higher Education for Liberian Development

Developed by:
The University of Michigan

PLAYLIST

Math - List of Free Educational Games**Creator:** [Open.Michigan, University of Michigan](#) (Updated 31 Mar 2013)**Description:****Tags:** [Games](#), [Educational](#), [Math](#)

- Institution: TUX4Kids, [TUX Math Command](#) [<http://sourceforge.net/projects/tuxmath/>]
Notes: Type: Game; Found Using: Sourceforge.net

Description: Math drill game starring Tux, the Linux Penguin. Lessons are included from simple number typing through addition, subtraction, multiplication, and division of positive and negative numbers.

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- Institution: TUX4Kids, [TUX Math Scrabble](#) [<http://www.asymptopia.org/tuxmathscrabble/>]
Notes: Type: Game; Found Using: Sourceforge.net

Description: TuxMathScrabble is a math version of the classic word game Scrabble which challenges kids to construct compound equations and to consider multiple abstract possibilities. There are four skill levels for practice, from basic addition with small numbers, through multiplication and division with larger numbers. The game can be played by 0, 1 or 2 human players. Player submissions are made by dragging tiles to the gameboard and pressing the okay button when ready to be validated. Invalid submissions are thrown-back to the user tray. Several new features have recently been added, such as the ability to shuffle player tiles in-place, the programmatic creation of tiles on-the-fly, configurable tile transparency, the ability to use a background image, and the option of configuring the None character for either or both players.

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- Organization: Khan Academy, **Practice: Math** [<http://www.khanacademy.org/exercisedashboard>]
Notes: Type: Online Game

Description: License: Creative Commons Attribution- Noncommercial Share Alike 3.0 License <http://creativecommons.org/licenses/by-nc-sa/3.0/>
- Organization: A+ Click, **Practical Math** [<http://www.aplusclick.com/grade14.htm>]
Notes: Type: Online Game

Description: For math and logic problems, A+ Click is the place to go. The website features a large selection of interactive math problems. Problems cover multiple areas of math, including geometry, algebra, data analysis and general numbers and operations. All problems contain visual illustrations.

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- Organization: Thinking Blocks, **Thinking Blocks** [<http://www.thinkingblocks.com/>]
Notes: Type: Online Game

Description: The website Thinking Blocks takes the concept of math blocks and uses them to help kids advance to new levels of understanding with math problems involving addition, multiplication, fractions and more.

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