**WEBSITE RESOURCES**

Ranked in order, starting with the best, according to MREC Math Coach Melissa Mortvedt

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Website Info** | **Suggested Grade Level** | **Games** | **Different Resources** | **Organized by Grade Level** | **Organized by Domain/ Standard** | **Free** | **Not Free** |
| **Khan Academy**  Free account. Video Lessons, Fill in the blank questions (get 5 correct in a row) Can then keep track of mastery, badges, goals, stats.  https://www.khanacademy.org/ | K-12 |  | X | X | X | X |  |
| **Illuminations**  Lessons, Games, & Activities  http://illuminations.nctm.org/ | K-12 | X | X | X | X | X |  |
| **National Library of Virtual Manipulatives.**  Lessons and TONS of manipulatives by grade and cluster. (requires Java)  http://enlvm.usu.edu/ | K-12 |  | X | X | X | X |  |
| **IXL**  Math Skills by grade and standard. Well established company. 30day trial available.  http://www.ixl.com/ | K-12 |  | X | X | X |  | $199/30 students |
| **XtraMath**  Timed math fact fluency. Keeps track of students and provides progress reports.  http://xtramath.org/ | K-5 |  | X |  |  | X |  |
| **Scholastic Math Maven's Mystery & Max's Math Adventures**  Activities include PDF, audio and some open ended! Created to be used with interactive whiteboard.  http://teacher.scholastic.com/whiteboards/sciencemath.htm | K-5 | X |  |  |  | X |  |
| **Scholastic Online Math Activities**  Fill in the blank, PDF, audio, Teacher’s Guide.  http://teacher.scholastic.com/activities/clf/tguidesitemap.htm | K-5 |  | X |  |  | X |  |
| **Math Playground**  Categories GALORE! Logic, Games, Thinking Blocks, Manipulatives, Word Problems, Worksheets, Flashcards  http://www.mathplayground.com/ | 1-6 | X | X | X | X | X |  |
| **HoodaMath**  Lots of skill building games. Can email some results to email.  http://www.hoodamath.com/ | 1-6 | X |  |  |  | X |  |
| **Website Info** | **Suggested Grade Level** | **Games** | **Different Resources** | **Grade Level** | **Domain/ Standard** | **Free** | **Not Free** |
| **K-5 Math Teaching Resources**  Resources GALORE! Activities by standard, read aloud task cards, games, etc.  http://www.k-5mathteachingresources.com/ | K-5 | X | X | X | X | X |  |
| **MathWire**  Problem Solving Resources in PDF Form.  http://mathwire.com/problemsolving/probs2.html | K-8 |  | X | X | X | X |  |
| **AAA Math**  Most sections include BASIC description and basic application. BUT it shows their "score" and there are LOTS of areas covered  http://www.aaamath.com/ | K-8 |  | X |  |  | X |  |
| **Everyday Math (Oak Haven Elementary School)**  List of games/activities that take you to other sites.  http://schools.coventryschools.net/oh/Curriculum/everyday\_math.htm | K-5 | X |  | X | X | X |  |
| **PBS Math Games**  VERY well made games, BUT not organized by content or grade.  http://pbskids.org/games/math.html | K-6 | X |  |  |  | X |  |
| **TouchMath**  Touchpoint method for learning quantity. A physical manipulative you need to buy.  http://www.touchmath.com/ | K-2 |  | X |  |  |  | X |
| **The Math Worksheet Site**  Online Math Worksheet Generator for basic skills  http://themathworksheetsite.com/ | K-6 |  | X |  |  | X |  |
| **BillyBug**  Specific to positive coordinates on a coordinate plane  http://www.oswego.org/ocsd-web/games/BillyBug/bugcoord.html | 5-6 | X |  |  |  | X |  |
| **BillyBug2**  Specific to coordinates on a coordinate plane  http://www.oswego.org/ocsd-web/games/BillyBug2/bug2.html | 6-7 | X |  |  |  | X |  |
| **Sample Math WASL Questions**  TONS of example questions that require students to EXPLAIN  http://www.pasd.wednet.edu/school/mathWASL/ | K-12 |  | X |  |  | X |  |

**iPAD MATH APPS RESOURCES**

Ranked in order, starting with the best, according to MREC Math Coach Melissa Mortvedt

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| **App Info** | **Suggested Grade Level** | **Games** | **Different Resources** | **Organized by Grade Level** | **Organized by Standard/ Domain** | **Free** | **Partially Free** | **Not Free** |
| **Khan Academy**  2434 math videos from pre-algebra to calculus. | 7-12 |  | X | X |  | X |  |  |
| **Minds of Modern Mathematics**  Interactive timeline. Great for the history of math. | 7-12 |  | X |  |  | X |  |  |
| **On The Spot**  Lesson Tutorials with teacher instruction video with math. Only 12 middle school and 12 high school videos are free. | 6-12 |  | X | X | X |  | X |  |
| **My Script Calculator**  Calculator that has no keys, you handwrite your problem. | K-12 |  | X |  |  | X |  |  |
| **Free GraCalc**  Graphing Calculator with LOTS of categories and options. | 7-12 |  | X |  |  | X |  |  |
| **Math Ref Free**  The ultimate math resource! Contains terms, definitions, visuals, equations, solvers, converters, and you can make your own notes | 7-12 |  | X |  |  | X |  |  |
| **Math Graph**  Basic graph capabilities but includes sliders and quiz questions. | 7-12 |  | X |  |  | X |  |  |
| **Quick Graph**  Basic graph capabilities but includes a 3-dimensional view that you can rotate. | 9-12 |  | X |  |  | X |  |  |
| **Drawing the Math**  Interactive graph that provides the basics then you change using sliders. | 7-12 |  | X |  |  | X |  |  |
| **Project Rulers**  Allows you to measure using a ruler or protractor over an image. | 7-12 |  | X |  |  | X |  |  |
| **Math Monsters**  Math fact fluency and can have up to five “players” saved on one app. | K-6 | X |  |  |  | X |  |  |
| **Math Ops**  Madagascar theme with math fact fluency. Parent function capabilities, progress report. | K-6 | X |  |  |  | X |  |  |

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| **App Info** | **Grade Level** | **Games** | **Different Resources** | **Grade Level** | **Standard/ Domain** | **Free** | **Partially Free** | **Not Free** |
| **Math Bingo**  Math fact fluency and can have up to five “players” saved on one app and report card options. | K-6 | X |  |  |  |  |  | .99 |
| **Math Town**  Math fact fluency. Broken into categories of 0-10, 11-20, 21-50, etc. Very interactive and great visuals. | K-8 | X |  |  |  | X |  |  |
| **Operation Math.**  Math fact fluency and can have up to three “players” saved on one app. Very interactive and great visuals. | K-8 | X |  |  |  |  |  | 2.99 |
| **Operation Math Code Squad**  Math fact fluency in a competition format with up to four students playing at the same time. Very interactive and great visuals. | K-8 | X |  |  |  |  |  | 2.99 |
| **iTooch**  Can try part of one grade for free.  Math: Grade 3, 4, 5, 6, 7, 8, & Middle School. Interactive (insert parenthesis, fill in the blank, multiple choice, practice, timed tests). All organized by standard and contains other content areas. | K-8 |  | X | X | X |  | X | 4.99+ |

**Free iPAD EDUCATION APPS RESOURCES**

Ranked in order, starting with the best, according to MREC Math Coach Melissa Mortvedt

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| **App Info** |
| **CommonCore by MasteryConnect**  All standards listed, great for quick easy reference |
| **CCSS For Teachers: Math Shifts**  App for iTunes U with TONS of resources (pdfs, questions, videos, etc)  https://itunes.apple.com/us/course/ccss-for-teachers-math-shifts/id679847094 |
| **CommonCore by Scootpad**  K-5 standards listed (Math & Reading). Also provides one example question for each! |
| **Three Ring**  Organizational tool that allows different class rosters. You can take pictures, notes, and videos of students work. (Create account online for easier access as the iPad has a small error yet) |
| **ShowMe**  Create a whiteboard lesson to save and/or share. Allows you to record your writing and speaking. Very easy to use and you can look up videos created by others. |