

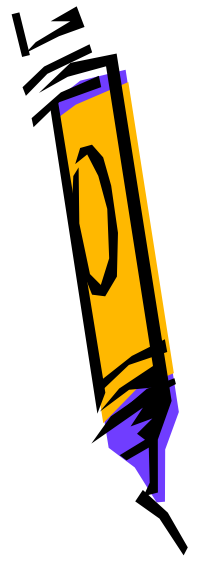


Math Apps

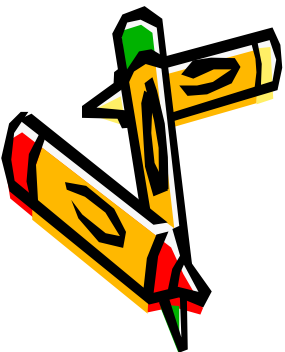
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Belmont University

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Math Apps



- Crunching numbers is not always easy; from counting and addition to multiplication and fractions, the elementary years build a solid foundation for math skills down the line. Give your students a leg up with these educational (and super fun) math apps.
- Practice makes perfect, and budding mathematicians can build their subtraction skills and addition ability with a range of apps. If the idea of mixing math with summer fun horrifies your kid, she may reconsider after playing a math-centered (and entertaining) app.
- Competitive students can test themselves against others in multiplayer contests, and outdoor types might find they enjoy mixing math and gardening. Get your reluctant mathematician excited about numbers again with these top ten subtraction and addition apps.



Fish School

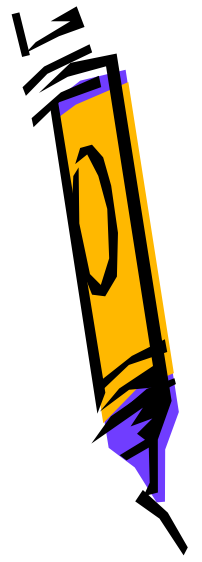


- Friendly fish are waiting to help teach students some of the basics in new and exciting formations! Basic repetition and picture recognition combined with colorful schools of fish swimming into numbers makes counting fun for your tiny tot.
- Work on numbers and counting with the friendly fish. Can also work on their ABCs.
- Skills: Sorting & Categorizing, Memory Games, Shapes, Numbers, Counting, the Alphabet
- Requirements: Compatible with iPad. Requires iOS 3.2 or later.
- Price: \$1.99
- Grade: Preschool



URL: <https://itunes.apple.com/us/app/fish-school-hd-by-duck-duck/id367567922?mt=8&ign-mpt=uo%3D4>

Math Bumpies HD - Adventure on Math Island: Addition and Subtraction

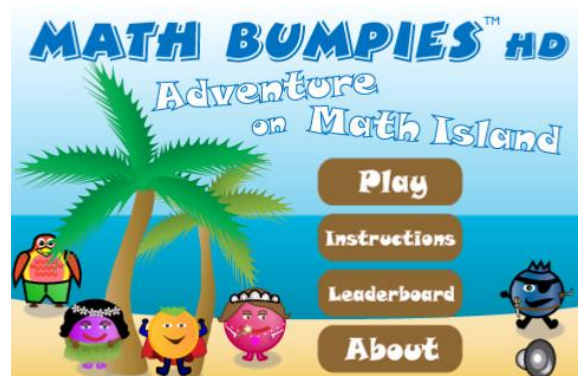


- Your students will love picking the perfect character to race around Math Island with.ACING addition and solving subtraction sums as they go, your student will pass by the jewel cave, avoid shark-infested waters, explore shipwreck beach and immerse themselves in a land of adventure.
- As they bump, jump and roll the characters through a series of math problems, your students won't even notice they are sharpening their skills—the game is simply that much fun.
- Skills: Subtraction and Addition
- Requirement: Compatible with iPhone, iPod touch and iPad. Requires iOS 3.2 or later
- Price: \$1.99
- Grades: Preschool – 1st grade

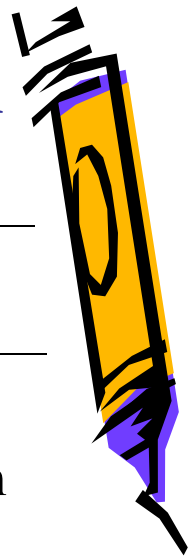


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<https://itunes.apple.com/gb/app/math-bumpies-hd-adventure/id444056898?mt=8>



Kids Numbers and Math

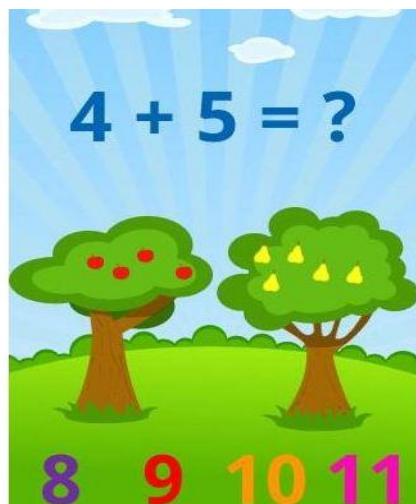


- Raising a multilingual learner? This popular app—boasting kid-friendly numbers in English, Japanese, French, German, Spanish, and Russian—contains a variety of addition and subtraction challenges your students will enjoy, ranging from basic skills to slightly more complex problems.
- While appropriate for all budding mathematicians, this app is best for beginners who are just learning the basics.
- Skills: Addition and Subtraction
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later
- Price: Free to \$2.99
- Grades: Preschool through 2nd grade



URL:

<https://itunes.apple.com/us/app/kids-numbers-and-math/id471989878?mt=8>



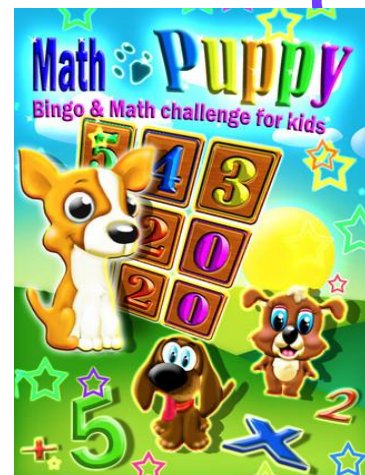
Math Puppy: Bingo Challenge

- *Math Puppy: Bingo Challenge* gives your students their own electronic pet. When your whiz kid answers a question correctly in Bingo, the virtual furry friend fills a square, jumps and barks—but if they get it wrong, an X appears instead.
- In Challenge mode, they must solve a math problem within a certain time limit to advance to different levels, and eventually become a math expert. The app even provides a calculator to help with tough equations.
- Skills: Addition, Subtraction, Multiplication, Division
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 later.
- Price: Free
- Grades: Preschool +



URL:

<http://www.education.com/magazine/article/multiplication-apps/>



(Norman 2013)

Addition & Subtraction for Kids



- Calling all animal lovers! If your students are crazy about furry friends, they will love this app, which teaches the basic concepts of addition and subtraction with pictures.
- Featuring bright colors and simple graphics that won't over-stimulate, Addition & Subtraction for Kids allows your students to choose from three possible numbers that might answer the pictorial math problem on screen: What's one snake plus six sheep? Seven!
- Skills: Addition and Subtraction
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: Free
- Grades: Preschool to 2nd grade



URL:

<https://itunes.apple.com/us/app/addition-subtraction-for-kids/id426907035?mt=8>



Grow Your Garden



- Students will not even realize they are learning with this interactive game, designed to teach math concepts with increasingly intensive addition activities, themed around gardening.
- Older preschoolers, kindergarteners and students in the early grades will enjoy working out how many times the watering can must be filled to keep their adorable flowers and other plants flourishing.
- Skills: Early Math Concepts & Addition
- Requirements: Compatible with iPad. Requires iOS 4.3 or later.
- Price: \$0.99 to \$1.99
- Grades: Preschool to 2nd grade



URL:

<https://itunes.apple.com/us/app/grow-your-garden-hd/id456097855?mt=8>

(Norman 2013)

Park Math

- Variety is the name of the game in this engaging yet educational app. With seven sections to choose from, students will learn addition, subtraction, counting and categorizing.
- Each page has plenty for little fingers to explore, with interactive surprises to touch and try in every scene.
- Kindergarteners will learn the concept that objects—and animals—can represent numbers or sections of an equation.
- Skills: Addition, Subtraction, Patterns, Sorting & Categorizing, Comparing, Counting
- Requirements: Compatible with iPad. Requires iOS 3.2 or later
- Price: \$1.99
- Grade: Kindergarten

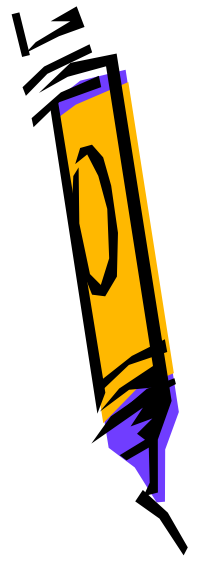


URL:

<https://itunes.apple.com/us/app/park-math-hd-by-duck-duck-moose/id403939208?mt=8&ign-mpt=uo%3D4>



Hickory Dickory Dock



- Telling time is a critical life skill; help your students learn how to read traditional clocks.
- Each hour on the clock brings a new rhyme and activity to play, and little fingers will get a work out helping the delightfully animated mouse as he tries to eat cheese, clean the clock, bake, and much more.
- Skills: Telling time
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later) and iPad. Requires iOS 4.3 or later.
- Price: Free
- Grade: Kindergarten

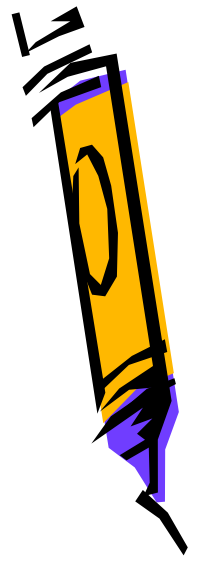


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Mathboard Addition



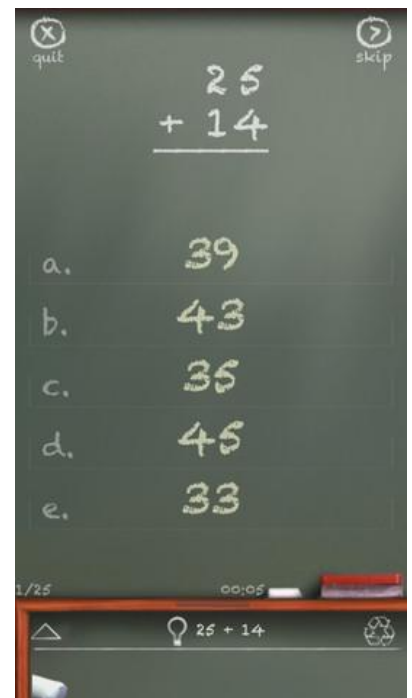
- As your student's math abilities grow, this app grows too.
- Adjust the difficulty level and the range of numbers you work with—you can go as high as 9999—as your kid's confidence with numbers increases.
- You can set quizzes with up to 250 questions, and intelligent wrong answer generation makes it harder for them to guess.

- Skills: Addition

- Requirements: Compatible with iPhone, iPod touch, and iPad.
Requires iOS 5.0 or later.

- Price: Free

- Grades: Configurable for all school aged students: Kindergarten +

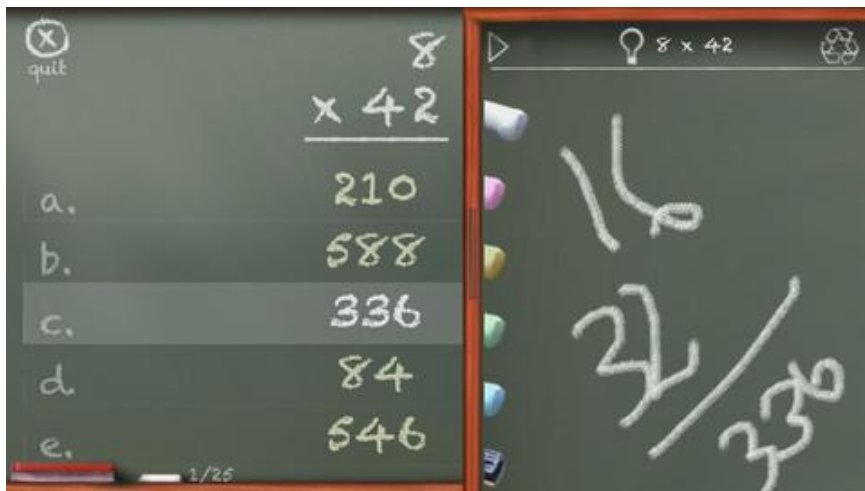
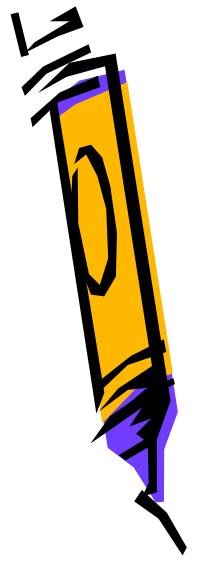


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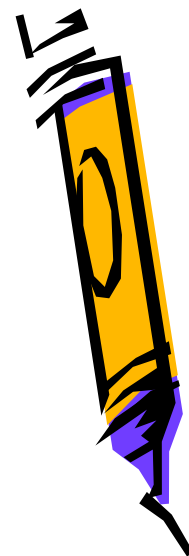
<https://itunes.apple.com/us/app/mathboard-addition/id381884632?mt=8>

MathBoard

- With a staggering array of settings and thorough help guides, this app represents an ambitious attempt to create the preeminent math teaching tool.
- The choices do not stop at multiplication or division, cubes or squares, easy or hard.
- MathBoard is a highly configurable math app appropriate for all school aged children. Beginning in kindergarten, with simple addition and subtraction problems, through elementary school where learning multiplication and division can be a real challenge.
- The options satisfy a wide range of students and skill levels, but they can be overwhelming for students.
- MathBoard would be best used in the classroom after a math teacher has tailored the settings to a specific purpose.



MathBoard

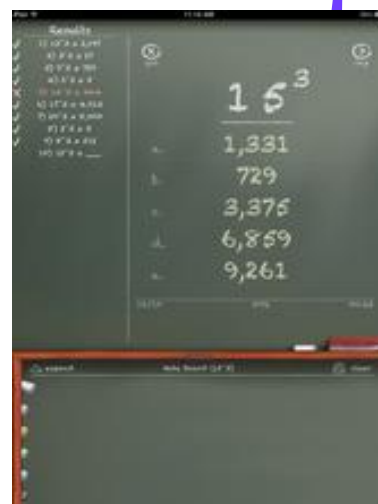


- Teacher Features:
 - Students can save results that a teacher could later check, lending a near test-like quality to this app.
- Skills: Addition, Subtraction, Algebra, Square Roots, Exponents, Division, Fractions & Decimals, Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.0 or later.
- Price: \$4.99
 - To experience this app's versatility before dropping \$4.99 on it, try the free version, MathBoard Addition, which is limited to just addition problems but still boasts the same options and help guides.
- Grades: Kindergarten +



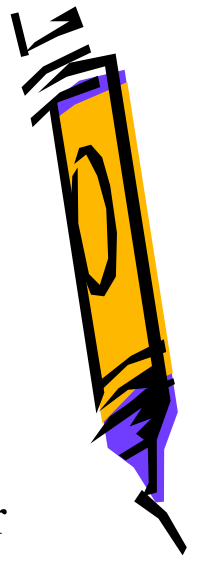
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<https://itunes.apple.com/us/app/mathboard/id373909837?mt=8&ign-mpt=uo%3D4>



(Norman 2013)

DigitZ

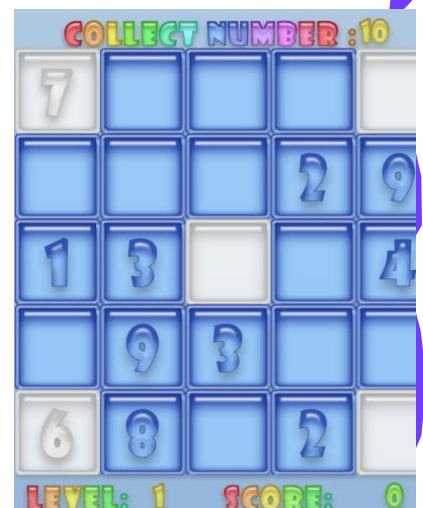


- If your student's a video game whiz, look no further: DigitZ is Tetris with a numerical twist.
- In the game, your student's given a target number, and must stack the numbered blocks in columns that add up to the correct number. Just like regular Tetris, the higher the column gets, the harder the task becomes.
- Start slow, and as your student masters the movements, up the intensity! Great for honing mental math and manual dexterity skills.
- Skills: Addition
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later
- Price: \$0.99
- Grades: All Ages: Most beneficial for Kindergarten through 2nd grade



URL:

<https://itunes.apple.com/us/app/digitz-brain-building-addictive/id406812630?mt=8>



Playful Minds: Math (5 – 8 years old)



- On your mark, get set, math! Kick start a little friendly competition between your students with this multiplayer game.
- Questions are individually tailored to each child's ability level so every player has a chance to win.
- In the app's island lessons, players are rewarded for playing, unlocking special items and earning gold to buy character accessories.
- The game offers complete curriculum coverage of kindergarten through second grade in both the U.S. and U.K., and you can even get report cards to follow your student's progress.



- Skills: Addition & Subtraction

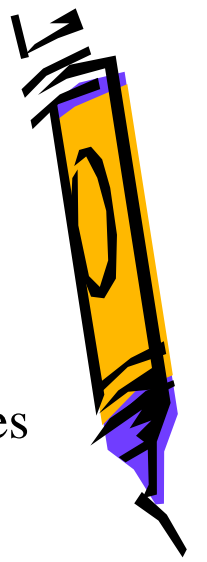
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 4.0 or later.



- Price: Free to \$6.99
- Grades: Kindergarten to 3rd grade

URL: <https://itunes.apple.com/us/app/playful-minds-math-5-8-years/id449569846?mt=8>

Quiz Match Multiplication



- It's classic match-making with a mathematical twist! Exercise your student's mental math muscles with this simple matching game.
- *Quiz Match Multiplication* hones strong visual skills that help your child scan, find and focus on problems. Flip over a virtual card to find a multiplication problem, and encourage your student to hunt down the correct answer.
- Skills: Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.1 or later.
- Price: \$0.99
- Grades 1st Grade +



URL:

<https://itunes.apple.com/us/app/quiz-match-multiplication/id442145736?mt=8>



Multi Rap HD

- It's no secret that music enhances learning, so why not bring a little hip-hop fun to multiplication? Multi Rap HD is a series of 10 separate multiplication apps that help your students one become a super-fresh math star.
- D.J. Doc Roc, the hip hop hamster, flows about times tables in his rap videos, and encourages your little music lover to skip count for each fact family. After that, they will have the chance to take part in a math drill—but they will have to beat the clock if they want to win.
- Skill: Multiplication
- Requirements: Compatible with iPad. Requires iOS 4.2 or later.
- Price: Free
- Grades: 1st Grade +



URL:
<https://itunes.apple.com/au/app/multiplication-rap-2x-hd/id447348181?mt=8>

Times Table Lab



- Instead of presenting your students with a problem, this app features a blank times table and numbered balls that your student must correctly arrange on the grid.
- Encourage them to move fast though; if the clock runs out or five balls stack up without being moved, they will lose a life. Get them started on a 5x5 table, and as they master each round, they will move up until progressing to a 12x12 grid.
- App encourages friendly competition between students.
- Skills: Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.1 or later.
- Price: \$1.99
- Grades: 1st Grade +



URL:

<https://itunes.apple.com/us/app/times-table-lab/id415519163?mt=8>



Times Tables: Squeebles Multiplication

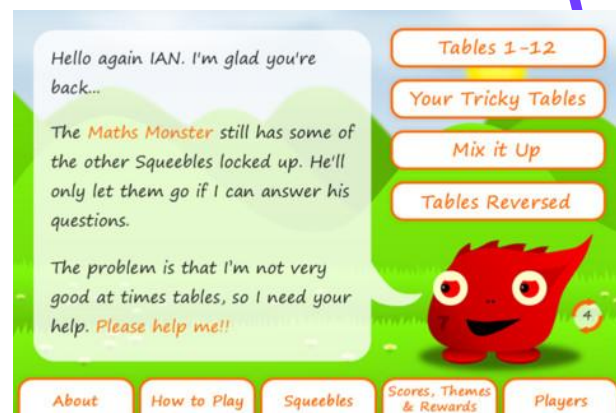


- The Math Monster is up to mischief, and only your students can save the day. Whizz, a Squeeble, needs help saving his friends but he's terrible at times tables. Challenge your students to answer the multiplication problems correctly and free 24 Squeebles.
- App saves student's progress, so they never have to repeat challenges.
- Skills: Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: \$0.99
- Ages: 5 through 11 years old



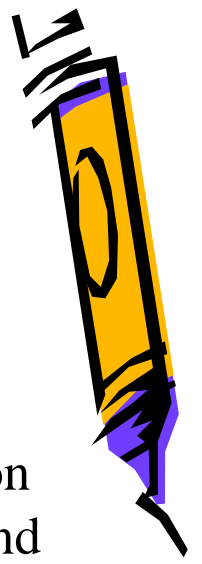
URL:

<https://itunes.apple.com/us/app/times-tables-squeebles-multiplication/id366347095?mt=8>



(Norman 2013)

Everyday Mathematics Baseball Multiplication 1-12 Facts

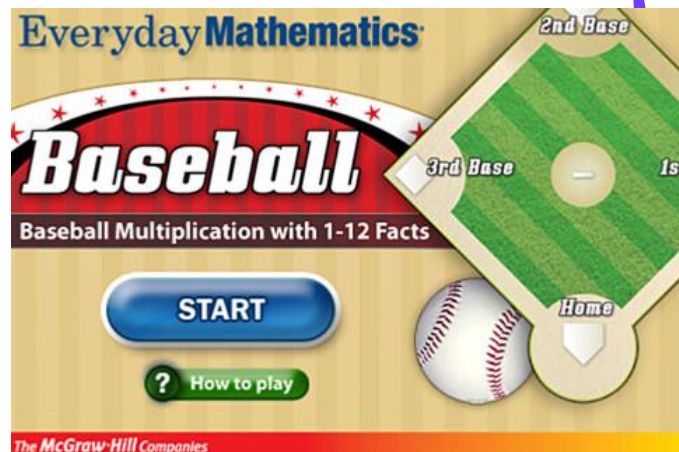


- Batter up! This app combines multiplication practice with America's favorite pastime. Cheer on your students as they go head-to-head with a friend in this competitive math game.
- As they step up to the plate, they will get a times table problem to solve. Answer correctly to get a hit—but miss and get a strike. Your little athlete will rack up runs while sharpening their mental multiplication skills.
- Skills: Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later.
- Price: \$1.99
- Grade: 1st Grade +



URL:

<https://itunes.apple.com/us/app/everyday-mathematics-baseball/id430854300?mt=8>



Multiplication: Invasion of the Moon Monkey



- The multiplying moon monkeys are invading earth, and it's up to your student's stellar multiplication skills to save the day.
- As they complete each times tables-themed mission, they will be one step closer to saving the world from these aggressive apes.
- This arcade-style game with practice rounds will keep your students busy with 14 levels, killer graphics, sound effects and missions all around the universe.
- Skills: Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.0 or later.
- Price: \$1.99
- Grades: 1st +



URL:

<https://itunes.apple.com/us/app/multiplication-times-tables/id467897039?mt=8>



Times Table Warp

- Three, two, one ... blast off! Help your little astronaut get their 0 to 12 tables down pat with this out-of-the-world game.
- In this 3D adventure, they will blast asteroids to answer various multiplication problems as they glide through space.
- Your student will have so much fun guiding their character on multiplication missions that they will forget they are learning.
- Skills: Multiplication
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 5.1 or later.
- Price: \$1.99
- Grades: 1st Grade +

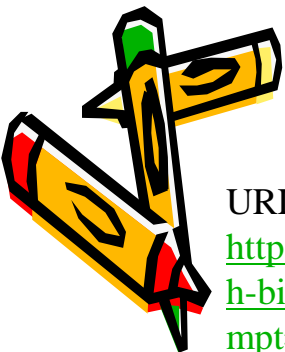
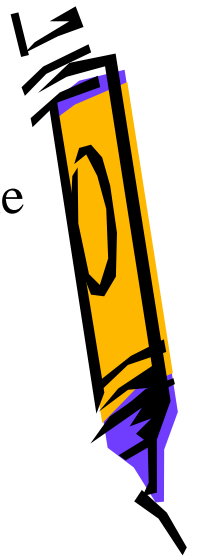


URL:

<https://itunes.apple.com/us/app/times-tables-warp-multiplication/id409345834?mt=8>

Math Bingo

- This app goes above and beyond to improve on the old classic game, with engaging interactive elements and game play.
- Choose from addition, subtraction, multiplication or division, and race against the clock to solve the sums. Once bingo is reached, students earn a bug for their collection and to use in “bingo bug bungee,” an addictive slingshot game where bugs collect coins.
- Skills: Subtraction, Addition, Division, Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later
- Price: \$0.99
- Grades: 1st through 3rd

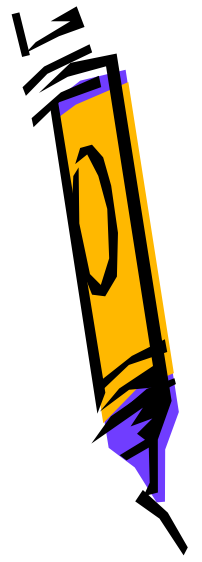


URL:

<https://itunes.apple.com/us/app/math-bingo/id371338715?mt=8&ign-mpt=uo%3D4>



Mad Math 4 Kids



- Forget advanced applications—this math game is exclusively focused on subtraction and addition.
- With multiple math challenges to complete, the object of the game is to solve as many of the calculations as you can before the time runs out.
- A simple interface, easy instructions and sharpening mental math skills make this a perfect game for any tiny puzzle-lover.
- Skills: Subtraction, Addition, Division, and Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.1 or later.
- Price: Free
- Grades: 1st through 4th grade



URL:

<https://itunes.apple.com/us/app/mad-math-lite/id389099317?mt=8>

5	2	5	2	4	3	8
2	7	3	6	4	3	4
2	6	2	6	4	5	🍌
4	2	4	3	2	6	🍌
1	1	4	2	5	6	🍌
1	8	7	4	1	8	4
3	1	3	3	2	8	6

1 + 2 = 3

Available moves: 2

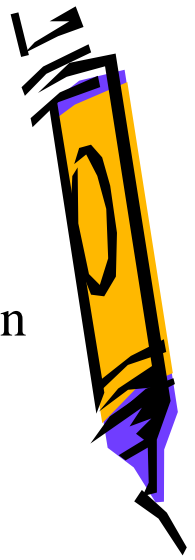
SCORE: 255

Rocket Math

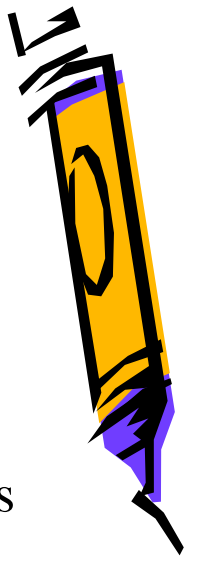
- Help your elementary students prep for a trip to space with this complex app.
- First, they will need to solve math problems to earn enough money to build a rocket. Encouraging students to tackle the tough questions; they will earn more money for a correct answer.
- Once they have enough money, they will design and build a rocket for one of 56 different math missions.
- While some missions are themed around addition and subtraction, they also cover topics such as U.S. money, square roots and fractions.
- Great for students who like a challenge, players must complete calculations as quickly as possible before the rocket lands, to earn bronze, silver and gold medals depending on their level of success.
- Skills: Addition, Subtraction, U.S. money, Square Roots, Fractions

- Price: Free to \$0.99

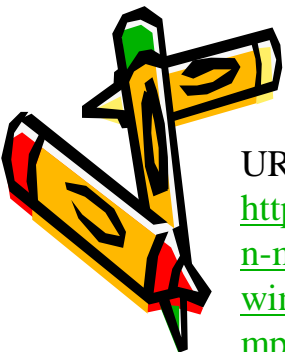
Grades: 1st grade to 4th grade



Motion Math: Wings



- Help your students soar to the head of their math class with this avian-themed pre-multiplication app.
- Tilting the smart device to aim, they will be building spatial and cognitive awareness. Students will explore the concepts behind multiplication with easily understandable dot visuals before actually having to solve equations.
- Skills: Multiplication, Counting & Numbers, Number Comparison, Dot Charts
- Requirements: Compatible with iPhone 3GS or later iPod touch (3rd generation or later), and iPad. Requires iOS 4.3 or later,
- Price: Free to \$6.99
- Grade: First



URL:

<https://itunes.apple.com/us/app/motion-math-wings/id508228412?mt=8&ign-mpt=uo%3D4>

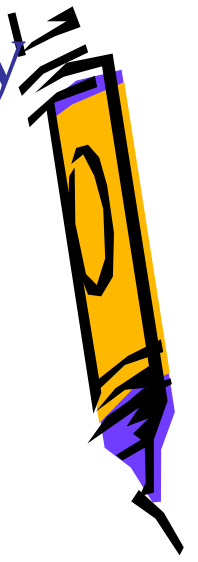


Motion Math: Hungry Guppy

- This intriguing app is based under the ocean, where bubbles filled with numbers or dots float around in the water, ready to be counted!
- Students count and combine the bubbles to feed the fish the specific number he eats. If little math whizzes are quick enough, they'll be rewarded with a chance to change the colors of the character at the end of each game.
- After enough game play, students will start to recognize math facts, or the different combinations of numbers that all add up to the same target.
- This app also teaches how dots and numbers can both represent the same amount.
- While Motion Math: Hungry Guppy focuses on core math skills appropriate for first-graders, it's built so that even preschoolers can play—there's no need to recognize numbers to succeed in the lower levels of the game.



Motion Math: Hungry Guppy



- Teacher Features:
 - Made by Motion Math—developers of the original fractions game statistically proven to increase test scores by 15 percent and attitudes toward math by 10 percent—the app's concept was created with common core standards in mind.
- Skills: Subtraction, Addition, Counting & Numbers, Number Sense
- Requirements: Compatible with iPhone 3GS, iPod touch (3rd generation or later), and iPad. Requires iOS 4.3 or later.
- Price: \$3.99
- Grades: Preschool - 1st



URL: <https://itunes.apple.com/us/app/motion-math-hungry-guppy/id542563075?mt=8>

(Norman 2013)

Motion Math: Hungry Fish

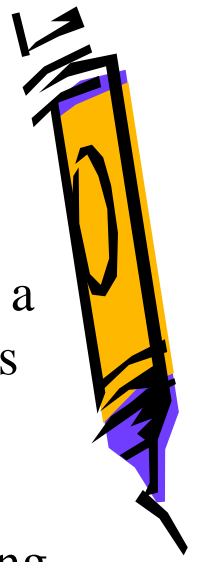


- In this underwater world, a virtual goldfish is kept alive with bubble-encased answers as students tackle wave reef addition, shell reef subtraction, green cave negative numbers and more.
- This numbered food must be added or subtracted correctly, or the fish's appetite won't be satiated.
- Questions become more challenging as kids' math skills grow, decreasing the chance that players will grow bored. The controls are easy for little fingers to use and very tactile.
- Skills: Subtraction, Addition, Negative Numbers
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 4.3 or later.
- Price: Free - \$7.99
- Grade: First

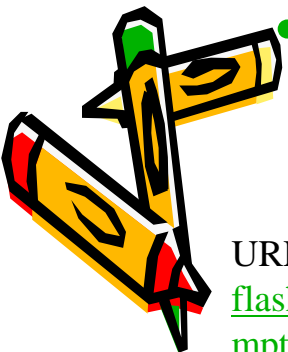


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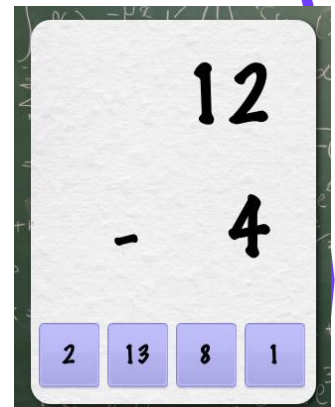
Math Flash Cards



- The app is an easy technological version of old fashioned flash cards, but each question provides a multiple choice selection for the answer and gives immediate feedback.
- Helpful learning features include options for increasing the difficulty on math problems, altering the number of questions and changing what math functions children will work on.
- Math Flash Cards also contains statistics for the length of time it takes to complete the selection of math problems and keeps track of the best time and grade.
- Skills: Subtraction, Addition, Division, Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later.
- Price: \$0.99
- Grade: First



URL: <https://itunes.apple.com/us/app/math-flash-cards/id299633298?mt=8&ign-mpt=uo%3D4>



Juicy Math

- Students must study the groups of fruit and then add or subtract by sight or manual counting. Then, they drag a picture of the correct number into the answer box to solve problems. If the answer is correct, numbers move up to cover the groups of fruit. Free of penalties and time limits, this app's ideal for students who struggle with numbers.
- Little scholars earn stars and while flipping between addition and subtraction, or a combination of the two.
- Teacher Features:
 - Check overall game progress on the statistics screen from the main menu to continually monitor student growth.
- Skills: Subtraction, Addition, Number Sense
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: \$1.99

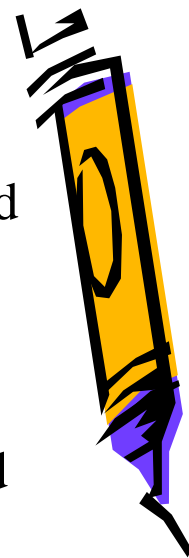
Grade: First



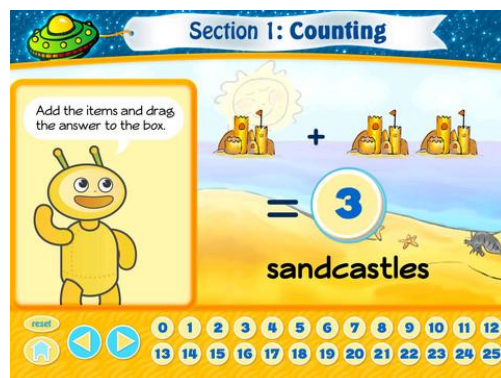
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(Norman 2013)

Math Fun 1st Grade



- The content in Math Fun 1st Grade is spot on, and covers all elements of first grade math and is an ideal complement to classroom concepts.
- Students pick from 10 different games, including counting, subtraction, addition, equations in word form and place value. Exercises can be challenging—word problems in particular—and require your first grader to concentrate and think critically.
- Teacher Features:
 - There's no distracting music or sound effects, so this app is perfect for in-class play.
- Skills: Place Value, Addition, Counting, Number Families, More Than/Less Than, Subtraction
- Requirements: Compatible with iPad. Requires iOS 4.2 or later.
- Price: \$2.99
- Grade: First



URL: <https://itunes.apple.com/us/app/math-fun-1st-grade-addition/id524519845?mt=8&ign-mpt=uo%3D4>

(Norman 2013)

Successfully Learning Math: Grade One



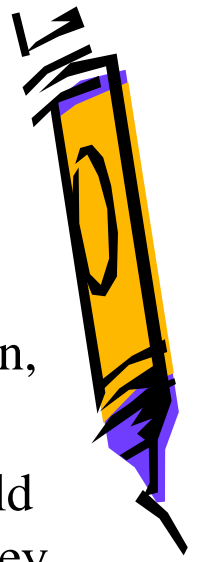
- Vampires are not always out for blood—some are content with crunching on numbers instead! In Successfully Learning Math, Freddy the vampire guides kids through a series of subtraction, addition, time, money and geometry-themed math puzzles, specifically designed for first-graders.
- There is one thing guaranteed to grab little learners' interest: the challenging bonus game, which can only be accessed with successful answers.
- Skills: Subtraction, Addition, Mental Math, Geometry, Money
- Requirements: Compatible with iPad. Requires iOS 4.2 or later.
- Price: Free
- Grade: First



URL: <https://itunes.apple.com/us/app/successfully-learning-math/id494817915?mt=8&ign-mpt=uo%3D4>

(Norman 2013)

Basic Math with Mathaliens



- Students can play Alien Bingo or “hunt” for outer space aliens as they solve basic arithmetic: addition, subtraction, multiplication or division.
- Not to worry, going hunting for aliens is not as wild as it sounds. Little “hunters” are on the clock as they race to solve multiple-choice equations. The catch? As they progress, the timer gets shorter and the number of multiple choice options gets bigger. If they make it to the end, they'll be rewarded with an adorable alien friend.
- Choose easy one-digit problems, or go beyond basic math facts for the harder 2 and 3-digit equations.
- Skills: Subtraction, Addition, Division, Multiplication
- Requirements: Compatible with iPad. Requires iOS 3.2 or later.
- Price: Free - \$0.99

Grade: First



URL: <https://itunes.apple.com/us/app/basic-math-with-mathaliens-hd/id384258547?mt=8&ign-mpt=uo%3D4>

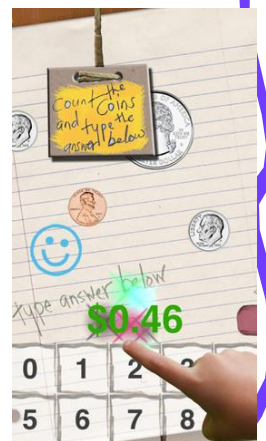
Freefall Money

- Students count coins, do simple addition and put money in the piggy bank to populate their virtual aquariums.
- The coin math questions start simple and get more complex as budding mathematicians answer problems correctly. The absence of a time limit and negative feedback allows kids to move through the app at their own pace, and encourages children to keep trying.
- Grounded in real-world concepts of pet responsibility and money, this app gives little ones a taste of virtual independence.
- Teacher Features:
 - This app can be a good complement to early math curriculum.
- Skills: Sorting & Categorizing, Money, Money Concepts
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.

Price: \$1.99

• Grade: First

URL: <https://itunes.apple.com/us/app/freefall-money-coin-math-for/id471642551?mt=8&ign-mpt=uo%3D4>



1st Grade Math: Splash Math Worksheets

- A wide range of first grade concepts are covered, including place value, addition, subtraction, money math, telling time, simple geometry and word problems.
- First graders will find this app very easy to use on their own; they'll be able to start it up and get going without any supervision.
- **Teacher Features:**
 - This app includes the ability to track progress and offer "report cards" for the child.
 - Users can add profiles for multiple children at varying skill levels, and can tailor each profile to fit that child's strengths and weaknesses. Be sure to check out each child's "report card" and activity log to track their progress, or have the reports emailed to you.
- **Skills:** Addition, Subtraction, Geometry, Measurements, Time, Money, Place Value
- **Requirements:** Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- **Price:** Free
- **Grade:** First



(Norman 2013)

URL: <https://itunes.apple.com/us/app/1st-grade-math-splash-math/id463469532?mt=8&ign-mpt=uo%3D4>

Lola's Math Train

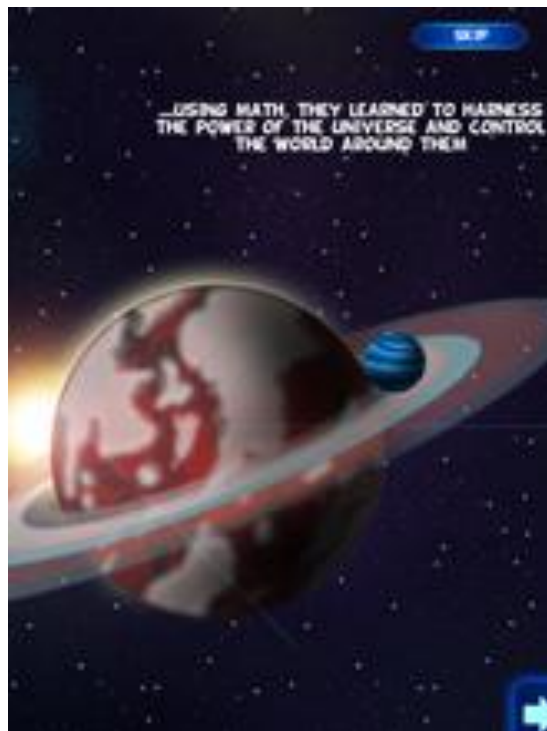
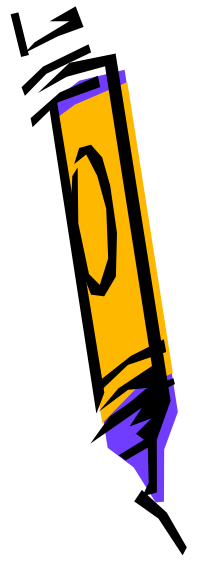
- Lola's Math Train combines a mix of elementary equations—including addition and subtraction—and puzzles, perfectly suited for the first-grade age group.
- While the full app contains nineteen different math activities, even the lite version we reviewed has plenty of variety, with nine included math tasks to try.
- Skills: Subtraction, Addition, Number Puzzles, More Than/Less Than, Counting
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.2 or later.
- Price: Free - \$1.99
- Grade: First



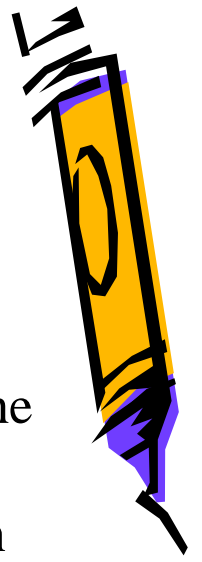
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Math Evolve: A Fun Math Game

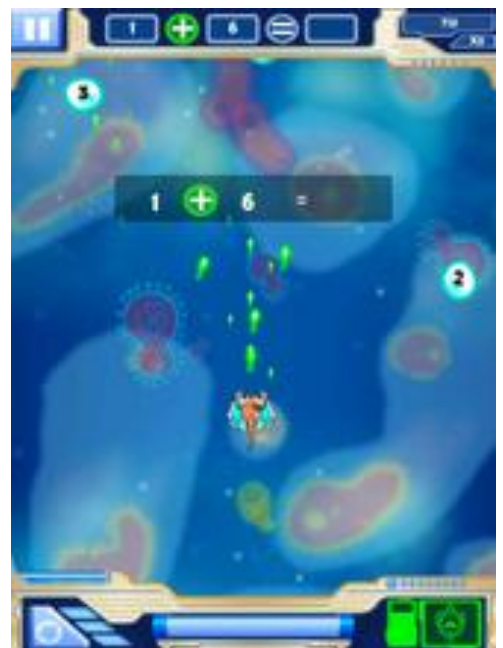
- Pay homage to retro arcade-style games with this addicting space-themed math app, guaranteed to appeal to kids and adults alike. Take off on an intergalactic mission into outer space, solving puzzles and shooting down alien crafts as you fly.
- Watch out for enemy fire and avoid punching in too many wrong answers; both could lead to a failed mission.
- Missions are based on four different math operations—addition, subtraction, multiplication and division.



Math Evolve: A Fun Math Game



- Teacher Features:
 - Statistics on each player profile lets you see the percentage of correct answers, and in practice mode the average time per answer, so you can gauge each student's comfort level with the operation.
- Skills: Subtraction, Addition, Division, Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1.3 or later.
- Price: \$1.99
- Grade: Second

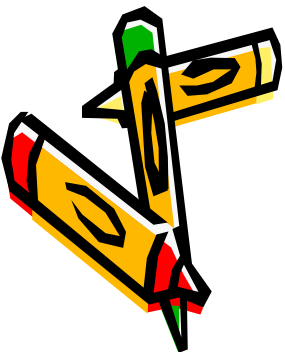
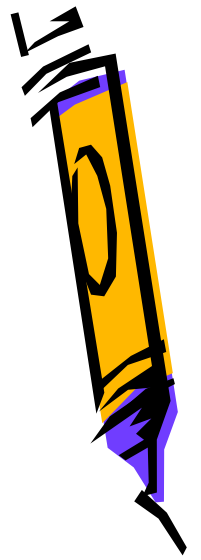


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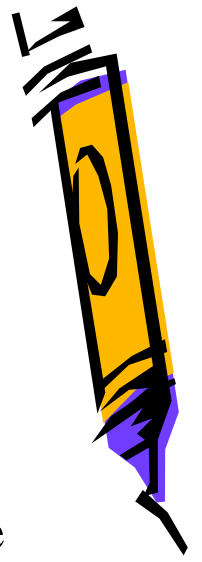
<https://itunes.apple.com/us/app/math-evolve-a-fun-math-game/id482475948?mt=8&ign-mpt=u0%3D4>

Sushi Monster

- Sushi Monster is a fun packaging of basic math facts that will have students hungry for more.
- This adorable animated monster bellies up to the sushi bar with a number around his neck and students must serve up factors fast. Addition and multiplication skills are tested with a series of "target numbers."
- Teacher Features:
 - Single-player mode allows students to compete against each other for trophies, stars and best times, making this perfect way for kids to focus in a lively math classroom.



Sushi Monster



- Skills: Multiplication, Addition, Number Sense
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 4.0 or later.
- Price: Free
- Grade: Second

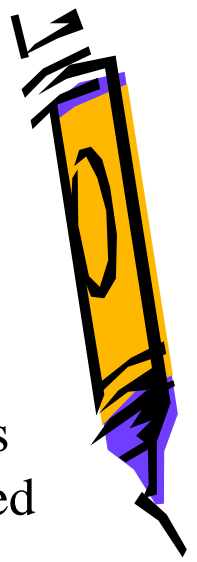


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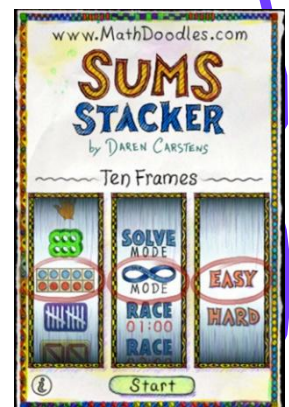
<https://itunes.apple.com/us/app/sushi-monster/id512651258?mt=8&ign-mpt=uo%3D4>

Sums Stacker

- Sums Stacker is the perfect app for math-lovers and reluctant students alike.
- The simple artwork lends cool touch to straightforward math, while the interesting interface piques kids' interest. Game play options offer players the option of untimed games or timed rounds, from one to five minutes.
- Simple game play, modern graphics and an effective approach to addition equal an engaging, one-of-a-kind way to tackle everything from numbers and fractions to coins and Roman numerals.
- Teacher Features:
 - Twenty-five different value representations allow teachers to discuss different number systems while drilling basic math.
- Skills: Addition, Counting & Numbers, Fractions, Money, Subtraction, Shapes
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later.
- Price: \$1.99
- Grade: Second



URL: <https://itunes.apple.com/us/app/sums-stacker/id343251346?mt=8&ign-mpt=uo%3D4>

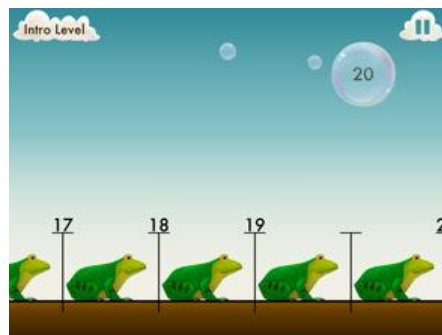


(Norman 2013)

Motion Math Zoom

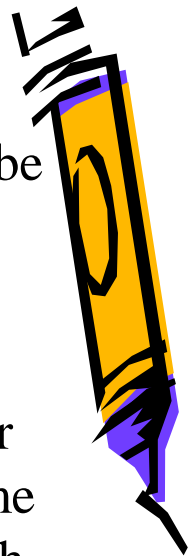


- The concept of number sequence may seem simple, but can actually be a tricky idea for students to grasp. Help your students understand place value and number lines—while building a foundation for advanced math—with Motion Math Zoom.
- The app's number line provides a great visual context for introducing negative numbers.
- Teacher Features:
 - Understanding the number line and place values can be very tricky; using this app to complement these lessons can help children interact with (and understand) these concepts better.
- Skills: Place Value, Counting & Numbers, Negative Numbers, Number Line
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: Free - \$5.99
- Grade: Second



URL: <https://itunes.apple.com/us/app/motion-math-zoom/id451793073?mt=8&ign-mpt=uo%3D4>

Math Frogger



- Students must race each other (or the computer) to be the first to reach the pink amphibian princess by answering math problem.
- The race itself is the most exciting part of the app. Choose from addition, subtraction, multiplication or division in the settings menu, and then start the game to take turns trying to answer the equations. On each turn a player is presented with two choices—two lily pads, each with a different number, appear in front of the frog. In a “Jeopardy” style format, the number on the lily pad represents the answer to a sum. Students choose the lily pad they want to hop to, and a calculator pops up for them to solve the sum.
- Skills: Subtraction, Addition, Algebra, Division, Multiplication
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 4.3 or later.
- Price: \$1.99

- Grade: Second

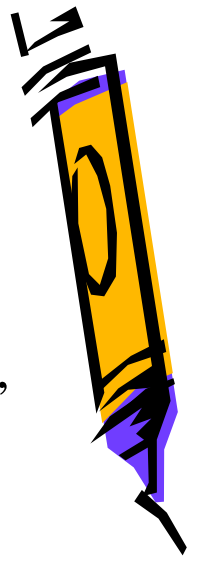


URL: <https://itunes.apple.com/us/app/math-frogger-math-siege-advance/id492904089?mt=8&ign-mpt=uo%3D4>



(Norman 2013)

Match-Up Math

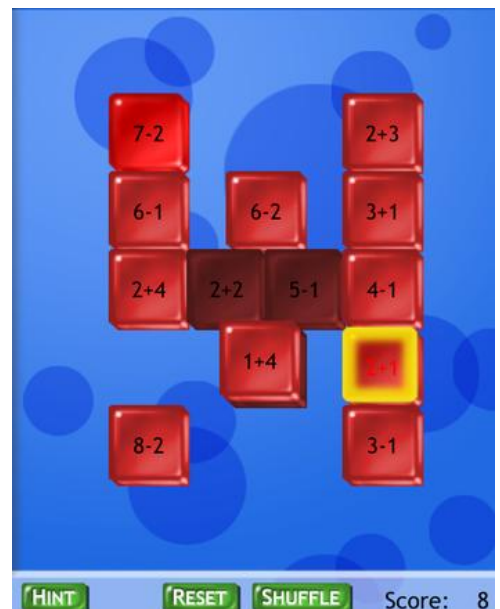


- Match your way to math success with this educationally rich app.
- In the same vein as many classic matching games, your mathematician clears tiles off the screen by matching problems and answers.
- If simple addition is too easy for your students, do not worry: *Match-Up Math* was made with long-term use and multiple grade levels in mind.
- Skills: Multiplication, Division, Decimals, Fractions, Subtraction, Addition
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later
- Price: \$2.99
- Grades: 3rd Grade +



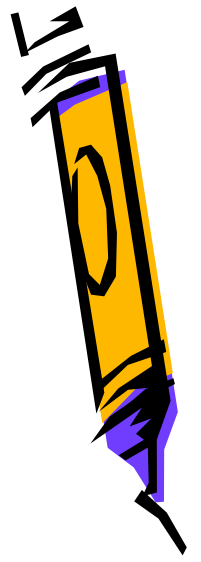
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<https://itunes.apple.com/us/app/match-up-math/id333229962?mt=8&ign-mpt=uo%3D4>



Rocket Math

- Earn money (and learn about money concepts) by solving math problems in this fast-paced intergalactic app. Modern, sharp graphics are age-appropriate and still appealing to the upper-elementary crowd.
- This tool covers a lot of ground and provides practice for most third grade math basics like addition, subtraction, multiplication and division with an appealing theme—space exploration—that keeps kids playing.
- Skills: Money, Time, Division, Multiplication, Addition, Subtraction, Number Sense
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 4.3 or later.
- Price: \$0.99
- Grade: Third



URL:

<https://itunes.apple.com/us/app/rocket-math/id393989284?mt=8&ign-mpt=uo%3D4>



Learning Gems – Math 2.0

- Students can practice math basics as they pick out answers to math problems in the form of pirate's booty.
- There are twelve levels of difficulty for each skill—addition, subtraction, multiplication and division. The pirate narrator is great fun and sounds sufficiently stern as he guides you along and warns. The problem sets are solid, but you have to be nimble to nab the frantically spinning pieces of treasure.
- Your student will stay motivated while having a blast with his pirate pal.
- Skills: Subtraction, Addition, Number Sense, Division, Multiplication
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: \$0.99
- Grade: Third



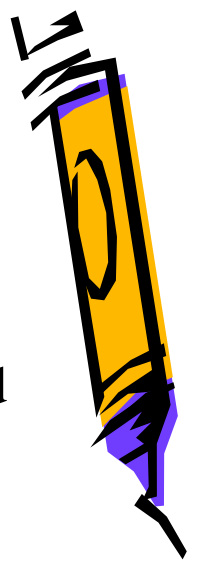
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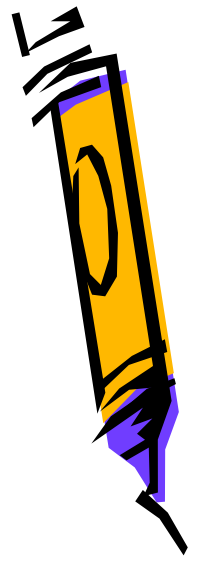
(Norman 2013)

Splash Math – 3rd Grade Worksheets

- Dive into a host of supplementary practice—including addition, subtraction, multiplication and division—with this aquatic app.
- The free version includes two practice chapters, while the somewhat pricey paid version boasts 16 chapters that cover everything from multiplication to number sense, place value and money concepts. Parents and teachers can customize quizzes to meet the individual needs of different kids, by choosing the number of questions each child tackles along with the level of difficulty.
- The "scratchpad" feature allows students to pull up a scribble-ready surface to work out solutions—a perfect complement to the already-stellar educational value here.
- One big drawback—the crabs can get very crabby when kids get a wrong answer. Sensitive students might get upset when a cartoon crustacean is disappointed in their math equation misstep.



Splash Math – 3rd Grade Worksheets



- Teacher Features:
 - This app is designed for classroom collaboration with the ability to keep track of student's progress and communicate with teachers directly or email report cards.
- Skills: Multiplication, Division, Money, Number Sense, Subtraction, Fractions, Addition, Place Value
- Requirements: Compatible with iPad. Requires iOS 4.3 or later.
- Price: Free
- Grade: Third



URL: <https://itunes.apple.com/us/app/splash-math-3rd-grade-worksheets/id449564960?mt=8&ign-mpt=uo%3D4>

Math Blaster HyperBlast

- Little space warriors saddle up their rocket blasters and takes off shooting at robots and space debris and collecting "shields" to power up their rides.
- Every once in a while, a math problem pops up and must be solved to keep going. By the time super spacemen encounter an equation, they'll probably be too hyped up to solve anything—and that's the point. There are many levels and categories to choose from at the start.
- Pick a theme such as addition, subtraction, multiplication, division, fractions or a combination of these basics and take off. Players ride through a mesmerizing obstacle course in deep space.
- Skills: Subtraction, Addition, Fractions & Decimals, Division, Multiplication
- Requirements: Compatible with iPhone 3GS or later, iPod touch (3rd generation or later), and iPad. Requires iOS 3.2 or later.
- Price: Free

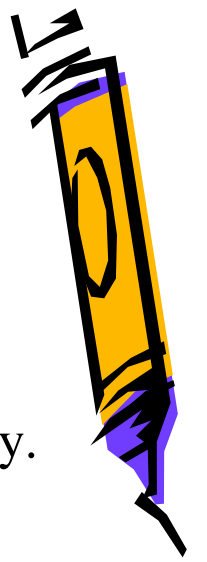
Grade: Third



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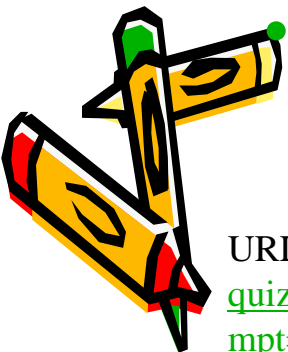
(Norman 2013)

Times Tables Quiz! (Multiplication Trainer)

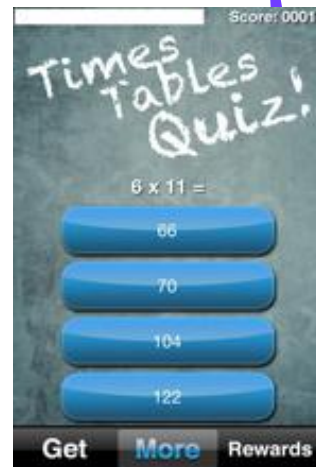


- How do you get to be multiplication whiz? Practice, practice, practice! Times Table Quiz! Multiplication Trainer keeps on quizzing endlessly.
- The game launches straight into multiplication madness. The quiz format is super simple and students will catch on right away. A problem appears on the "chalkboard" and students choose from multiple-choice answers. Speed is encouraged and gives a sense of urgency to find solutions fast..
- Teacher Features:
 - This app could be great for classroom use as a complement to traditional multiplication drilling.
- Skills: Multiplication, Number Sense
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: Free

Grade: Third

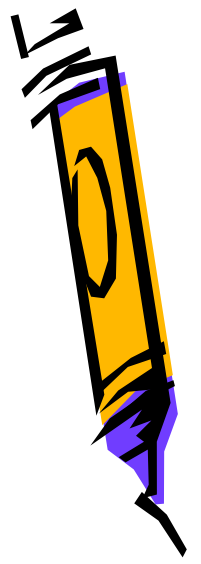


URL: <https://itunes.apple.com/us/app/times-tables-quiz!-multiplication/id441001315?mt=8&ign-mpt=uo%3D4>

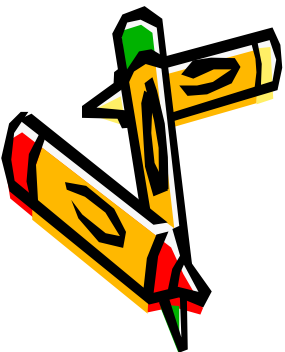


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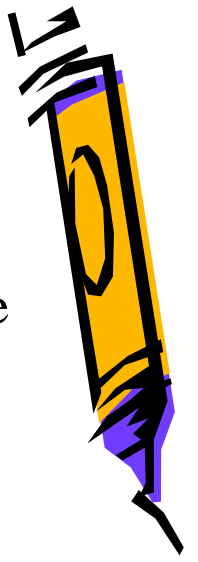
Manic Math



- This supercharged math game is a fast-paced drill disguised as a classic arcade-style game that students won't be able to stop playing.
- The name of the game is to review basic math facts in reverse: the clock starts, and players are given an “objective” number as a series of other numbers and operations rain from the top of the screen.
- Your mission: find as many factors and/or solve for as many variables as you can before the clock runs out!



Manic Math



- Teacher Features:
 - Multi-player function good for classroom free play.
- Skills: Multiplication, Division, Pre-Algebra, Factoring, Math Facts, Subtraction, Times Tables, Addition
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1 or later
- Price: \$0.99
- Grade: Fourth

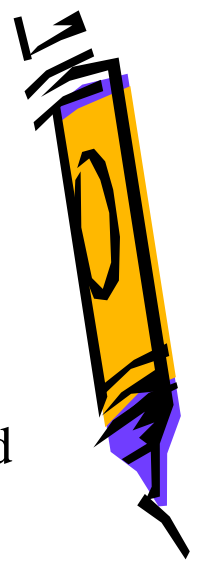
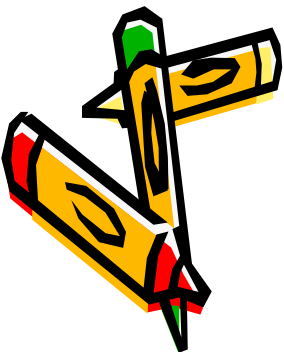


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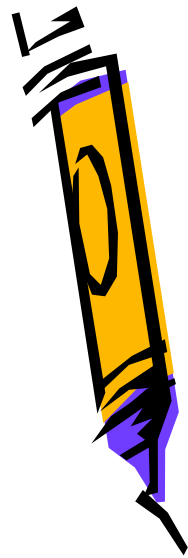
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iLiveMath Animals of Africa

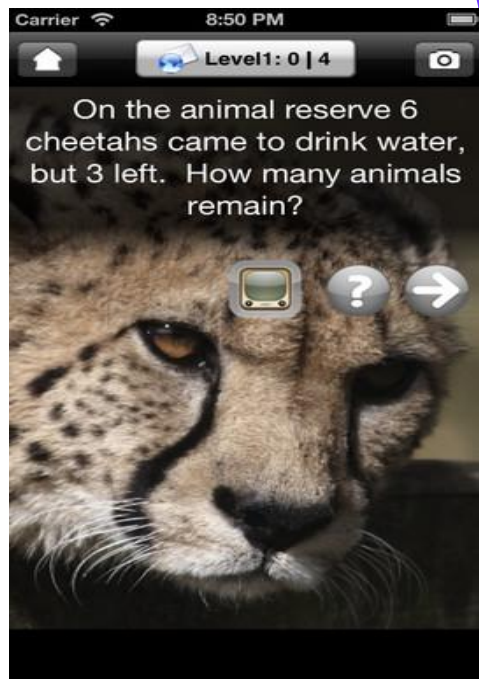
- Immerse students in the wild world of Africa, where lemurs and leopards leap from the screen. This app is a beautiful blend of math, science, and reading.
- Each screen engages all the senses, while exercising both basic and advanced math and reading skills. Students correctly read, interpret and answer math problems and then move on.
- Short movies are well done and feature animals from zoos around the world, some with expert narration. Cool multimedia features and a focus on multiple skill sets makes this app stand out from the rest.
- The app is easy enough for students to use on their own and it can be endlessly engrossing.



iLiveMath Animals of Africa



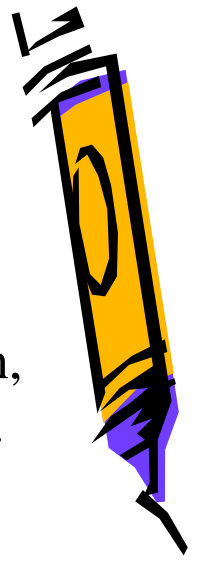
- Teacher Features:
 - The app can be hooked up to an adapter and used with an external projector in the classroom. Teachers and homeschoolers can use a "test result" feature to link to the developer's website where there are many support features.
- Skills: Addition, Multiplication, Mode, Median, Mean, Division, Percents, Word Problems
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: \$4.99
- Grade: Fourth



URL:

<https://itunes.apple.com/us/app/ilivemath-animals-of-africa/id355268037?mt=8&ign-mpt=uo%3D4>

Marble Math



- Students can drag or roll her marble through the math maze and earn points, while she practices fundamental fourth grade math skills like addition, subtraction, multiplication, division and fractions.
- There are 3 levels of difficulty that cover all the basics. Success earns more marbles, but the big selling point of this app is the ability for multiple players to compete against each other. The drag and roll interface adds a fun arcade-like touch.
- Teacher Features:
 - There's a parent/teacher section that lets an adult manage the users of the game, although the functions are limited. The app supports multiple players making it a good option for sharing in the classroom.
- Skills: Multiplication, Subtraction, Fractions, Division, Addition
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
- Price: \$1.99

Grade: Fourth

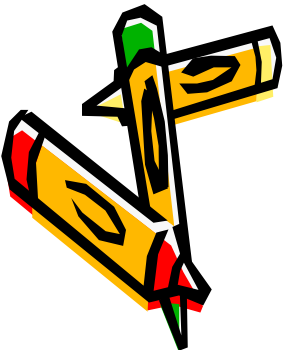


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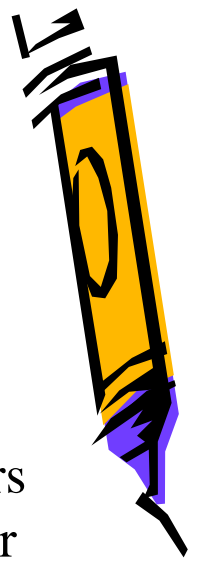
(Norman 2013)

Kids Math Fun – Fourth Grade

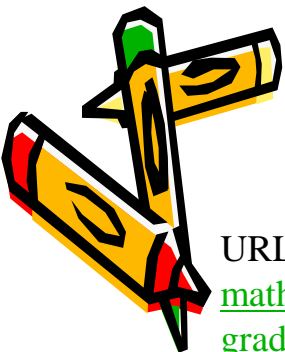
- Quiet and customizable practice app makes it easy for students to move at their own paces with math concepts.
- Features like "minute math" and "try again" are simple for budding mathematicians to turn on and off when they want to either challenge themselves or ease into a new math application. Scores, which pop-up instantly, act as instant motivation; students have the option of saving the scores or starting from scratch. Kids Math Fun more ideal for a classroom than a noisy arcade-style alternative.
- There are no levels of difficulty to move through; the emphasis is on decimals, multi-digit operations and other basic fourth-grade skills. Students simply work their way through problems and keep score. With no penalty for wrong answers, children are encouraged to keep trying until they nail each problem, making this a solid choice for self-paced practice and study.



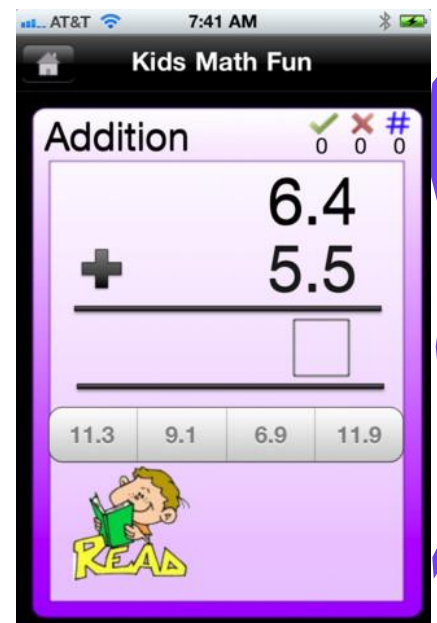
Kids Math Fun – Fourth Grade



- Teacher Features:
 - This app is suitable for classroom use since it has no annoying sound effects to disturb others and can be played alone. It's a good choice for quiet study periods, and the “share” feature allows kids to share scores with the teacher or other students.
- Skills: Multiplication, Division, Fractions, Decimals, Subtraction, Addition
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1 or later.
- Price: \$1.99
- Grade: Fourth

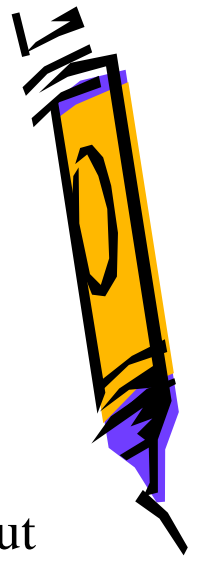


URL: <https://itunes.apple.com/us/app/kids-math-fun-fourth-grade/id290076686?mt=8&ign-mpt=uo%3D4>

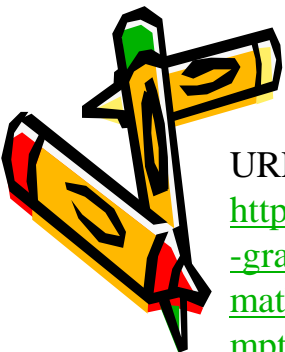


(Norman 2013)

5th Grade Math: Splash Math Worksheets



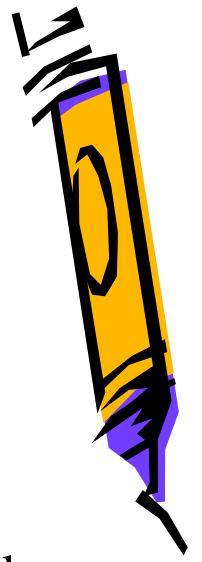
- Blast off into number space with this intergalactic math app.
- Boasting features such as a simple set-up, astronaut avatars, a multiple-choice answer format and assigned homework, *5th Grade Splash Math* is a great app for any kid's interactive library.
- Fifth graders can work independently, moving their avatar between space-themed challenges that tackle place value, algebra, multiplication, division, fractions, decimals, measurement and geometry.



URL:

<https://itunes.apple.com/us/app/5th-grade-math-splash-math/id504805587?mt=8&ign-mpt=u0%3D4>

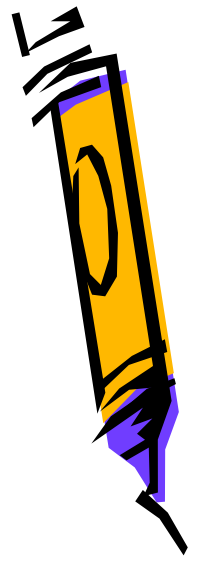
5th Grade Math: Splash Math Worksheets



- Teacher Features:
 - Educators using this app in class have the option of sending student progress reports to parents, or directly back to themselves, to track their students' progress.
- Skills: Division, Multiplication, Fractions & Decimals, Number Sense
- Requirements: Compatible with iPad. Requires iOS 4.3 or later.
- Price: Free to \$9.99
- Grade: Fifth



Kids Math Fun – Fifth Grade



- For straightforward, focused drill-and-kill math practice. Kids Math Fun - Fifth Grade focuses on age-appropriate problems dealing with fractions, decimals, multiplication and division, as well as more basic math.
- With its quiet "quiz" format, this app lets kids take their time and track their progress as they tackle equations Kids can set their own pace, save scores and track their own improvement.
- Teacher Features:
 - Easily share scores with the teacher or other students. The app is quiet enough for classroom use.
- Skills: Fractions & Decimals, Multiplication, Subtraction, Addition, Division
- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1.3 or later.
- Price: \$1.99

Grade: Fifth



URL: <https://itunes.apple.com/us/app/kids-math-fun-fifth-grade/id300633885?mt=8&ign-mpt=uo%3D4>

(Norman 2013)

Operation Math

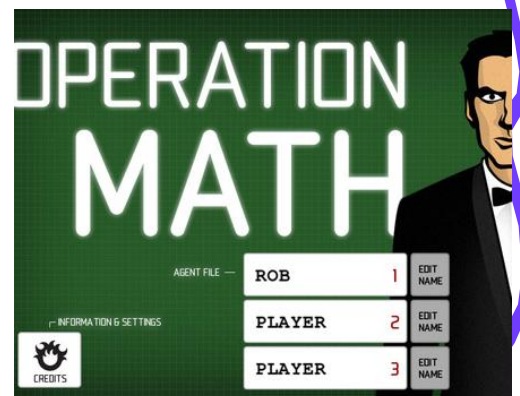


- Students must accept an addition, subtraction, multiplication or division mission to tackle. Correct answers help super spies open secret doors, defuse bombs and foil Dr. Odd's plot; answer incorrectly, however, and access will be denied.
- Exceptionally crafted missions, comic-like graphics, complex storylines, high-tech gear and new disguises, along with increasing difficulty, keep students coming back for more.
- Comprehensive intelligence for every quest is kept in a top-secret file at headquarters—perfect for tracking math progress. The game's multi-player mode allows for one-on-one math battles for rewards, completed missions and bragging rights.
- Skills: Subtraction, Addition, Division, Multiplication
- Requirements: Compatible with iPad. Requires iOS 4.0 or later.
- Price: \$2.99

- Grade: 6th – 8th

URL:

<https://itunes.apple.com/us/app/operation-math/id487387270?mt=8&ign-mpt=uo%3D4>



(Norman 2013)

Elevated Math



- Elevated Math provides initial instruction or intervention on math topics that cover place value, estimation, large digit addition all the way through Algebra I.
- Lessons are grouped into five math standards and are designed to conform to those recommended by the Common Core State Standards.
- Skills: Numbers, Operations, Measurement, Geometry, Algebra, Data Analysis, Probability
- Requirements: Compatible with iPad. Requires iOS 4.2 or later.
- Price: Free
- Grades: 6th – 8th



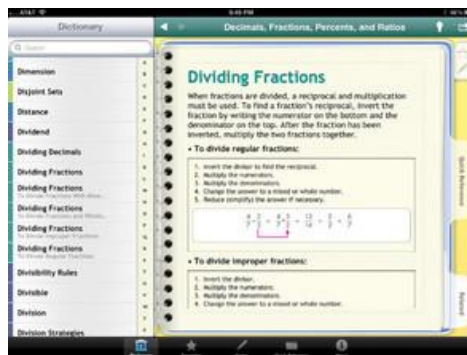
URL: <http://itunes.apple.com/us/app/elevated-math/id435995971?mt=8>

(Norman 2013)

Math Dictionary for Kids for iPad



- This math dictionary has 400 terms, presented with examples. At its heart, this app provides quick review of how to tackle most math problems that might come your kid's way.
- With 400 terms tackled, it's got most math covered. Subjects include measurement, algebra, geometry, fractions, decimals, statistics, probability, problem solving, and much more. This is quick reference—not deep instruction, but it just might help your students make it through their homework.
- Teacher Features:
 - Works well as a reference tool for refreshing topics prior to testing.
- Skills: Division, Multiplication, Math Review
- Requirements: Compatible with iPad. Requires iOS 4.0 or later.
- Price: \$2.99
- Grades: 6th – 8th



URL: <https://itunes.apple.com/us/app/math-dictionary-for-kids/id454367958?mt=8&ign-mpt=uo%3D4>

(Norman 2013)

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