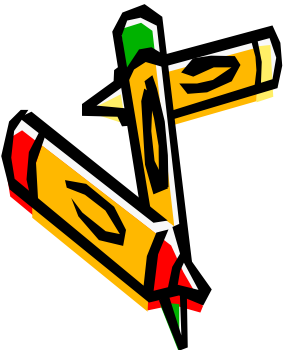# Second Grade Apps

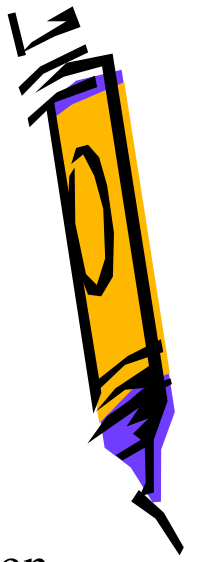## Jessica Norman, OTDS
Belmont University

Contact Information:
Phone: (931)397-6878
Email: jdnorman12@gmail.com

Spanish Word Wizard

- This excellent app tests students' Spanish knowledge with 1,500 spelling tests and questions corresponding to the 1,000 pre-loaded words.

- Spanish Word Wizard features a moveable, talking alphabet, which allows young language learners to create their own words and sentences, spoken aloud as they write. This allows students self-correct as necessary, enabling independent spelling and encouraging good grammar habits.

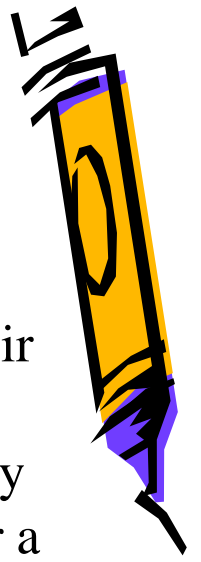(Norman 2013)

Spanish Word Wizard

- Teacher Features
    - One thousand high frequency words—come pre-loaded, meaning the app provides your language immersion classroom with grade-appropriate material and spelling tests from kindergarten through third grade. You can even add your own words to create customized word lists.

- Skills: Punctuation, Phonics, Handwriting, Spelling, Pronunciation

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.0 or later.
- Price: $2.99

URL: https://itunes.apple.com/us/app/spanish-word-wizard-spanish/id487162791?mt=8&ign-mpt=uo%3D4

(Norman 2013)

SpellStacker

- SpellStacker is a digital battle of words for every budding writer.

- As they play, students are encouraged to mine their vocabularies for words to make out of their tiles. Students can build words solo for quiet vocabulary practice, or challenge up to three other players for a multiplayer game.

- To help make this game second-grader friendly, students have the option of stacking letters on top of existing letters, using virtual bombs to "blow up" existing letters to reveal hidden letters and even tapping on a smiley face for hints.

- Teacher Features:
    - Teachers can gauge students' vocabulary through the running "words used" list.

- Skills: Spelling, Vocabulary, Word Play

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
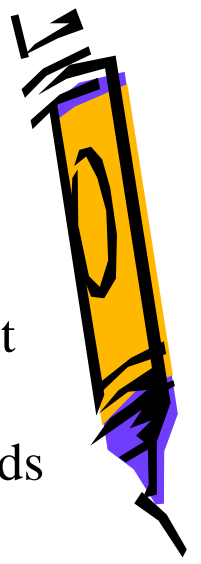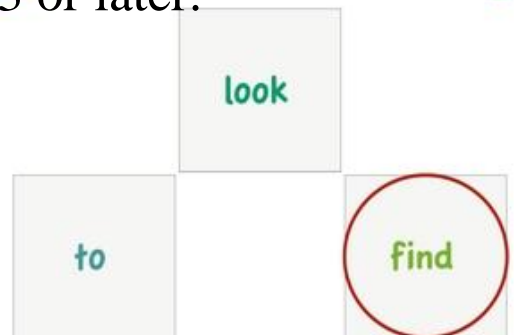
- Price: $2.99

URL:
https://itunes.apple.com/us/app/spellstacker/id379927445?mt=8&ign-mpt=uo%3D4

(Norman 2013)

Sight Words by Photo Touch

- The game is based on a simple premise—the sight word is spoken aloud, then students must choose the correct response from a selection of sight words on-screen.

- As students play, the number of words to choose from increases to make the game more challenging.

- Very simple, may not hold students' attention for long periods of time. Great for a 5 minute reward.

- Teacher Features:
  - Teachers can select sight words at grade-appropriate levels from preschool through third grade

- Skills: Vocabulary, Sight Words, Reading Readiness

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.3 or later.
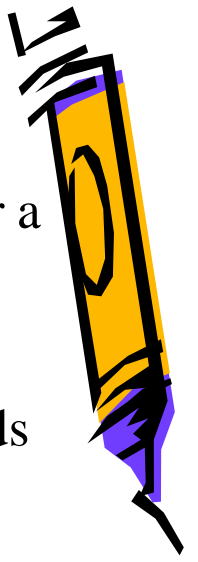
- Price: Free

look

to

find

URL: https://itunes.apple.com/us/app/sight-words-by-photo-touch/id421341850?mt=8&ign-mpt=uo%3D4

(Norman 2013)

My Birds of Prey

- Students might have to wrestle the grown-ups for a turn on this interesting and educational app.

- My Birds of Prey HD allows students collect birds by winning them in challenges. Match facts with the correct bird three times in a row, and win a virtual egg to coddle and care for. Little learners must earn food for their fowl by tackling memory match games and a flight pattern shuffle.

- Skills: Nature, Life Science

- Requirements: Compatible with iPad. Requires iOS 4.0 or later.

- Price: Free to $2.99

URL:
https://itunes.apple.com/us/app/my-birds-of-prey-hd-lite/id510732102?mt=8&ign-mpt=uo%3D4
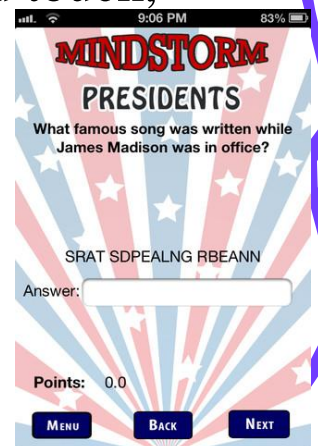
(Norman 2013)

MindStorm Presidents Elementary

- This American history app includes games along with a healthy dose of facts. MindStorm Presidents Elementary allows the civic leaders of tomorrow to line up Ronald Reagan and Bill Clinton on a game board.

- Students can also test themselves with a quiz that covers all aspects of history and government—not just Commanders-in-Chief. Questions can be tricky, and get harder as they progress; students should have a love of politics to help keep them motivated. The solid educational prowess of this app lends itself nicely to a classroom setting. May be a little difficult for 2nd graders, but good introduction.

- Teacher Features:
  - American history can be dry; this solid learning app is a great choice to break up monotony in the classroom.

- Skills: History, Civics & Government

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 5.1 or later.
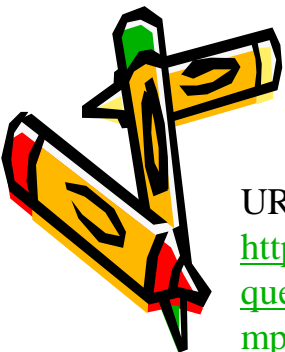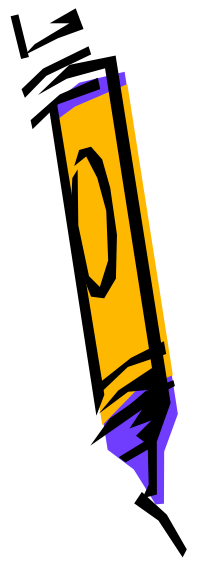
- Price: $0.99

URL: https://itunes.apple.com/us/app/mindstorm-presidents-elementary/id580615454?mt=8&ign-mpt=uo%3D4
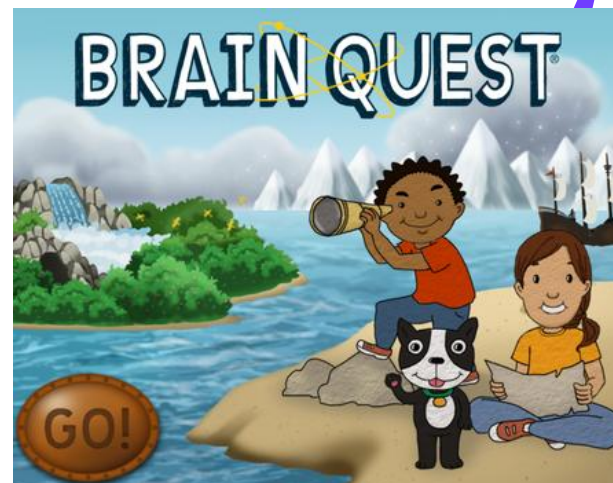
(Norman 2013)

Brain Quest

- Students embark on adventures through Wisdom Islands, where they must solve missions to progress through each stage of the captivating story.

- Questions cover the whole range of grade level skills—including math, language, and social studies—and little learners must answer quickly to complete the level in time.

- Skills: Social Studies, Geography, Science, Math, Spelling, Language

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 4.0 or later.

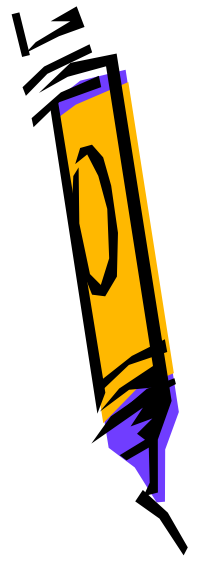- Price: Free to $9.99 to unlock all levels of the game

URL:
https://itunes.apple.com/us/app/brain-quest/id515332138?mt=8&ign-mpt=uo%3D4

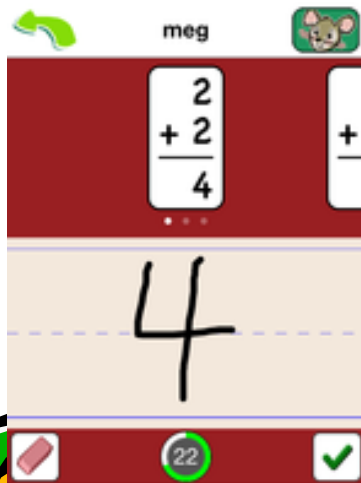(Norman 2013)

TeachMe: 2ⁿᵈ Grade

- TeachMe: 2nd Grade is a comprehensive app set in a virtual "town," where students drill everything from sight words to addition.

- Students tap on the School to tackle random spelling, Dolch sight words as well as timed and untimed addition and subtraction problems.

- Students rack up checks—which later become coins—by tracing alphabetical and numerical answers on large rule "paper" with their fingers, adding a touch of interactivity and fun.

- Get a problem wrong and players are prompted to try it again. For each correct question, the student gets a check. Three checks equal a coin—and that's where the fun begins! These rewards allow kids to virtually "shop" at the Photo Fun Booth, Shape Store, Fish Store or Art Store, where they can buy and care for fish, create art with stickers or decorate photos with silly cartoon features.

(Norman 2013)

TeachMe: 2ⁿᵈ Grade

- Teacher Features:
  - This multi-user app is perfect for classroom use, but be sure to provide headphones. Also, use stars to track student progress on drills.

- Skills: Addition, Subtraction, Spelling, Sight Words, Division, Multiplication

- Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.1.3 or later.
- Price: $1.99

URL: https://itunes.apple.com/us/app/teachme-2nd-grade/id355943913?mt=8&ign-mpt=uo%3D4

(Norman 2013)

Dragon Box +

- Everyone can learn difficult math and have fun solving algebra equations.

- This app helps students as young as 5 grasp complex math concepts in a fun, interactive way.

- Each round of the game features a screen with two distinct sides, with a treasure chest card on one side. The goal is to get the treasure chest card on its own by dragging cards from the deck that cancel each other out, just as if you were trying to solve for x in a real algebraic equation. This app offers several levels to accommodate learning.

- Introduces students to algebraic concepts that serve as the foundation for higher-level math.

- Skills: Algebraic concepts

- Requirements: Compatible with iPhone 3GS or higher, iPod touch (3rd generation or higher)and iPad. Requires iOS 4.0 or later.
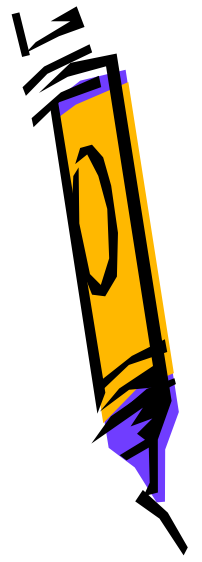
- Price: $5.99

URL:
https://itunes.apple.com/us/app/dragonbox+/id522069155?mt=8&ign-mpt=uo%3D4
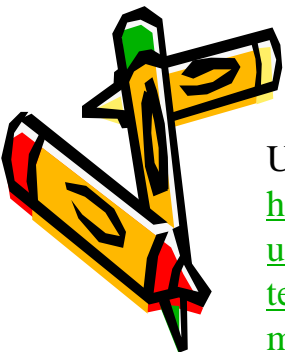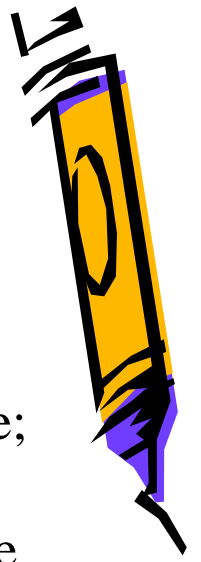
(Norman 2013)

Math Doodles

- *Math Doodles* is a brilliantly executed and educational math app.
- The designer has transformed the way students think about numbers and equations, with interesting sketches that prove math comes in all forms.

- Skills: Addition, Subtraction, Time

- Requirements: Compatible with iPad. Requires iOS 5.0 or later
- Price: $2.99

URL:
https://itunes.apple.com/us/app/math-doodles/id526959716?mt=8

(Norman 2013)

Jungle Time

- Tick-tock, it's time to read the clock! This interactive time-telling game is packed with learning opportunities.

- The narrow focus of *Jungle Time* works well here; kids can practice everything that has to do with time in this app, from telling time and setting time to "lessons" on a variety of subjects, like time zones and the 24-hour clock.

- Teacher Features:
  - The mini lessons in the app blend perfectly with classroom content.

- Skills: Time

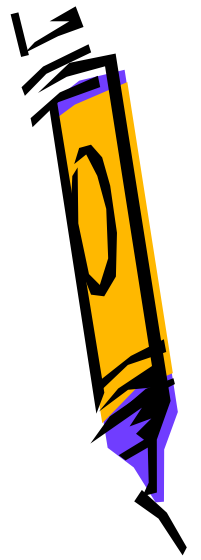- Requirements: Compatible with iPad. Requires iOS 5.0 or later.

- Price: $2.99

URL:
https://itunes.apple.com/us/app/jungle-time-learn-how-to-tell/id373794287?mt=8&ign-mpt=uo%3D4
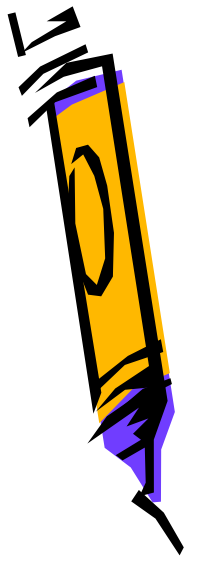
(Norman 2013)

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 kids 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.

(Norman 2013)

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.
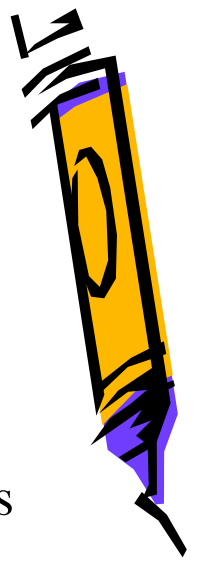
- Price: Free

BUILD CORRECT MULTIPLICATION EQUATIONS TO FEED SUSHI MONSTER.

URL:
https://itunes.apple.com/us/app/sushi-monster/id512651258?mt=8&ign-mpt=uo%3D4
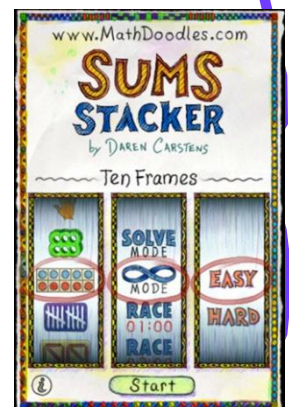
(Norman 2013)

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 students' 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.
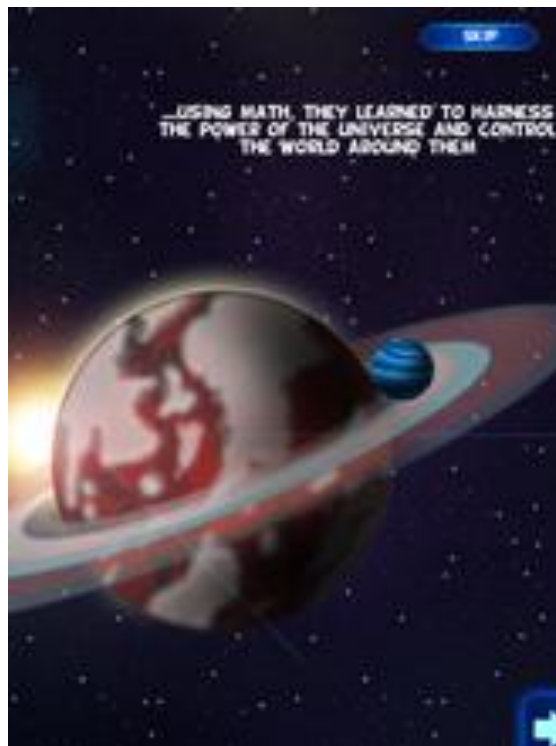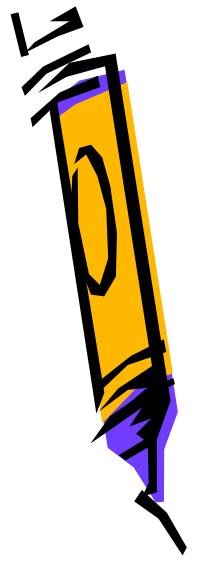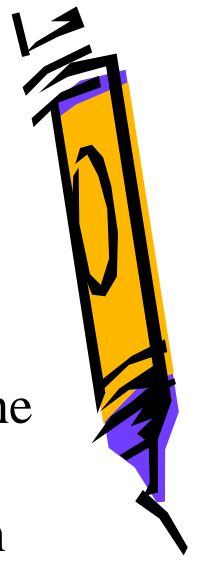
- Price: $1.99

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

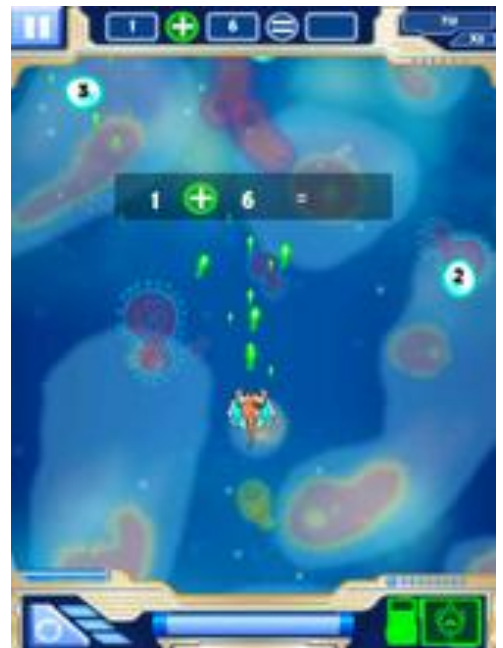(Norman 2013)

Math Evolve: A Fun Math Game

- Pay homage to retro arcade-style games with this addicting space-themed math app, guaranteed to appeal to students 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

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

(Norman 2013)

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
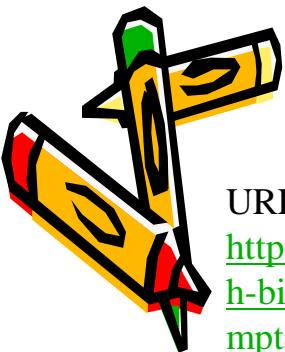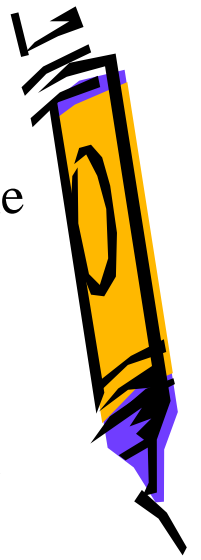
- Price: $0.99

- Grade: 1st through 3rd
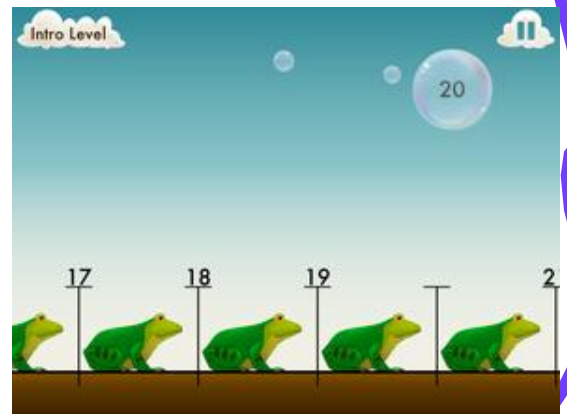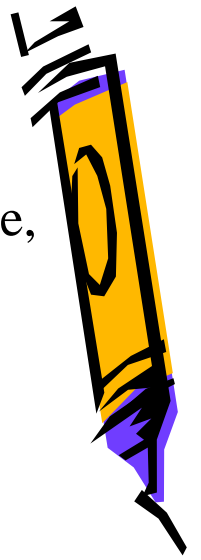
URL:
https://itunes.apple.com/us/app/math-bingo/id371338715?mt=8&ign-mpt=uo%3D4

(Norman 2013)

Motion Math Zoom

- The concept of number sequence may seem simple, but can actually be a tricky idea for kids 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

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

(Norman 2013)

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.
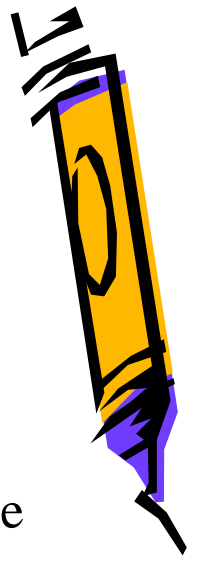
- Price: $1.99

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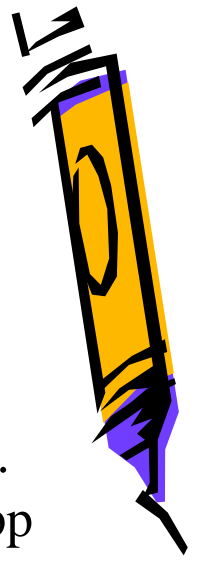
(Norman 2013)

Winter Land

- Winter Land is an engaging, super simple Candy Land-style game, where students can help Santa race to the North Pole and save Christmas.

- Simply tap cards and move your character—each one a toy that's fallen out of Santa's sleigh—the dictated number of colored spaces. This interactive board game allows up to four players.

- Featuring quiet music and zero annoying sound effects, this game will keep young and old alike entertained during the holiday season—a welcome change to the holiday tradition roundup.

- Teacher Features:
    - Counting is a main feature of this game, as with some of the included mini games as well, making it great for starter math.

- Skills: Memory Games, Counting & Numbers, Sorting, Matching

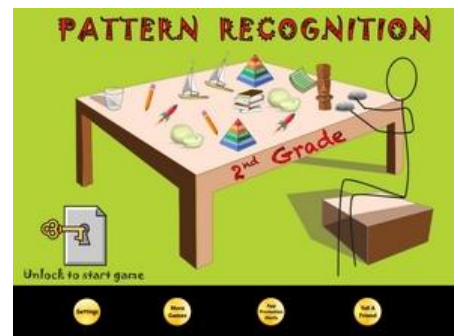- Requirements: Compatible with iPad. Requires iOS 3.2 or later.

- Price: $0.99

URL: https://itunes.apple.com/us/app/winter-land/id406123654?mt=8&ign-mpt=uo%3D4

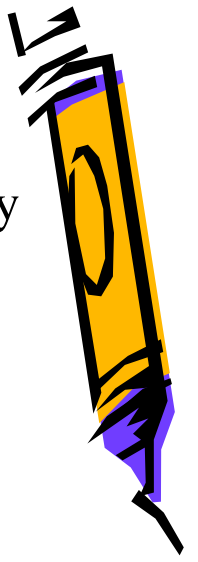(Norman 2013)

A 2ⁿᵈ Grade Pattern Recognition Game

- Beginning mathematicians can hone early patterning skills with this simple puzzle app.

- Choose from 5, 10 or 15 patterns puzzles to begin. Incorrect answers causes the background of the app to briefly flash red, and the correct answer is given, reinforcing understanding and helping to guide the player during the next puzzle.

- Increase the difficulty in the "settings" tab as they gain confidence, but keep an eye on the clock—as little math whizzes become more comfortable with the game, challenge them to try to shave seconds or minutes off of their best times for motivation.

- Skills: Shapes, Patterns, Visual Discrimination

- Requirements: Compatible with iPad. Requires iOS 4.1 or later.

- Price: $0.99

URL: https://itunes.apple.com/us/app/2nd-grade-pattern-recognition/id379849005?mt=8&ign-mpt=uo%3D4

(Norman 2013)

Even Monsters Get Sick

- This beautifully illustrated eBook features a gently captivating story with an age-appropriate pace, starring a boy named Harry and his pet monster Zub, who is suffering from a serious case of the sniffles.

- This app has achieved the perfect balance of interactive elements and good old-fashioned storytelling, with games that students will want to play again and again.

- Skills: Puzzles, Interactive Stories, Pronunciation, Observation

- Requirements: Compatible with iPad. Requires iOS 3.2 or later.

- Price: $1.99

URL:
https://itunes.apple.com/us/app/even-monsters-get-sick/id535303119?mt=8&ign-mpt=uo%3D4

(Norman 2013)

References

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App Store. (2013). Education apps. Retrieved from https://itunes.apple.com/us/genre/ios-education/id6017?mt=8.

(Norman 2013)