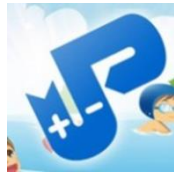


### UP +/-

Price: £0.79

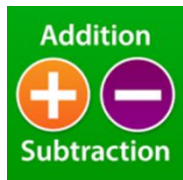
A simple and effective maths app designed to support the practise of basic addition and subtraction facts to 10, 20 and 100. Straight forward to use and motivating. Choose one of the avatars supplied when you begin or take a photo to use instead.



### Addition & Subtraction – Daydream Education

Price: £1.49

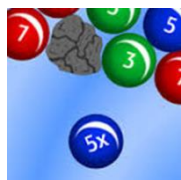
This is one of several apps offered from Daydream education. They provide a balance of teaching and instruction, opportunities to practise key skills and quizzes to test the learner's knowledge. They cater for a range of levels and increasingly complex operations.



### Bubble Pop Multiplication

Price: £1.49

Alternative way of practising times tables facts! Work out the answer to each question then aim at the correct answer to pop the bubbles. If you have a set of tablets in class, this provides a great activity for a small group to work on.



### Bugs and Numbers

Price: £1.99

It is really well designed and looks great. There are plenty of basic maths tasks to keep the children involved from counting games to basic fractions. This is a very popular app with Reception children.



### Squeebles Times Tables

Price: £1.49

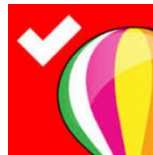
There are also similar apps for spellings and maths. Each app rewards children with games to play and characters to collect.



### Math, age 4-6

Price: Free

Has a range of great activities! Has a great virtual teacher to guide the children through the tasks which cover everything from basic number work to sequences, position and direction, fractions, shapes, mathematical language, division and more! The initial app is free.



### Math, age 3-5

Price: Free

This is a free part but expensive full version!



### Monkey Maths School Sunshine

Price: £1.49

This is aimed perfectly at 4-5 year olds and gives them a variety of quick activities to develop their basic maths skills: writing numbers, looking for patterns...



### Numberjacks – Addition Facts up to 10

Price: £1.49

This app is one of several Numberjacks apps perfect for younger children. It is available on a variety of tablets. It provides a good collection of basic addition activities: get to a target number in small steps of your choice, calculate addition sums against the clock and inverses of addition to 10.



### Pirate Treasure Hunt

Price: Free

This is an app providing a variety of problem solving opportunities for the children. As you help Pirate Jack to find the hidden treasure you take part in mathematical and literacy based tasks: shapes, spelling, addition sums, sequencing, and time problems, etc. It is great for the variety it offers and encouraging the children to adapt strategies.



### Vittle

Price: £5.99

Vittle allows the teachers to record a demonstration, just as they would on a whiteboard at school, with verbal instructions and jottings and then upload...



### Doodle Learning Times Tables

Price: £0.69

Here's another app from the Doodle Learning stable! This app uses the same rewards of creating pictures and using stamps to motivate the children as they complete each table.



### Bugs and Buttons

Price: £1.99

This is a great app covering a wide range of basic skills: numbers and counting, fine motor skills, colours, sequencing, sorting, basic problem solving, matching and memory games, etc. It makes use of many tablet features – swipe, multi-touch, tilting, pinch and zoom. There are stamps as rewards and encouraging voice-overs. You can also pause games.



### Math Bingo

Price: £0.69

This follows a simple format for practising the basic operations on a range of levels. It is well designed, bright and motivating. The rewards, bungee jumping bugs, are a great add-on. It suits all ages from 5 upwards to the end of Key Stage 2.



### Doodle Learning Maths

Price: £2.49

This is a really engaging and child-friendly maths app. It covers the four operations and is progressive with multiple levels for the children to work through. They are led through their tasks by a mischievous little bunny! Rewards include the opportunity to create pictures with a variety of backgrounds, stamps and paint tools.



### Neurogames: Nutty Numbers Junior

Price: Free

Neurogames have created a few apps which are well thought-out, attractive and useful. This version of the Nutty Numbers app is free but only provides the easier level to work through. The full version will set you back £2.99. We think the free version in this case is still a useful addition to a suite of apps.



### Rush Hour

Price: £1.99

This is the classic problem solving game brought to a tablet. It is another example of technology actually improving on the original game – no more picking up each car and lorry and physically moving them, just swipe them aside!



### Bubbles of Math

Price: Free

A no-nonsense addition game ... A target number appears at the top and the child has to tap two numbers that add up to that target. Gradually the bubbles/balls drop and the child scores a time against the clock to try to beat next time. As the levels go up, the numbers get larger.



### Bee-Bot

Price: Free

Beebots are commonly used in Primary School in the ICT curriculum. The children in Early Years and Key Stage 1 use them as an introduction to programming and control. At its most basic, the children understand that pressing a certain button has an effect on the Beebot's movement.



### Hungry Fish

Price: Free

Guide George the fish around the reef gobbling up number bond bubbles! If the fish has 5 on it, find a 3 and a 2 to eat or maybe a 4 and 1! Then progress to bigger numbers, subtraction .... You even get the opportunity to customise George! This is great for basic number.



### Tell The Time

Price: £1.99

Great telling the time app for Key Stage 1 but would be good for some children in early Key Stage 2. It is progressive, moving from hours through to half hours and quarter past and quarter to, then onto 5 minute intervals. There also digital/analogue equivalents.



### Play 123

Price: Free

A great app for pre-schoolers and possibly Early Years / Foundation Stage. Short, interactive games which make good use of a variety of touchscreen gestures. Children have an opportunity to cover shapes, colours and colour mixing and numbers. The voice has an american accent which is very enthusiastic but not overbearing!



### Hickory Dickory Dock

Price: £0.79

This is great app with animated characters. Variety of ways children could interact with the little mouse. The app uses rhyming poetry to help teach young children the numbers 1-12 and their position on the clock. They can move the hour hand round or drag it to a certain time.



### Kids Academy • 123 Tracing

Children are introduced to the numbers and shown how to draw them using their finger. The numbers fill the screen so are suitably large format, and the tracing points well laid out. Successful number writing is rewarded by words of encouragement and also with virtual fireflies in a jar, which can be released each time the numbers have been completed.

There's a Parent Mode, where you can check the progress of each child assigned a profile. And you can change the voice (male or female) and sounds here, too. The initial iPhone and iPad versions of the app are free but limited to a few numbers. £2.49 for all ten numbers.



### Number Monster

£1.99.

One for the very early learners, this is a simple app that teaches recognition of numbers – from 1-20. Friendly and easy to pick up. Parents can turn on and off visual clues as their child progresses. It doesn't go much further than that so is a little expensive for what it offers. There's also a Shape Monster game. Like Number Monster it's easy and friendly, and can be set at different levels up to hexagons and pentagons from a start with squares and circles, etc. Wombi also offers Colour Monster and Letter Monster apps, and a simple telling-the-time app called Around The Clock.



## Wee Kids Math

Price: 69p.

This app is good for children just starting to learn their number shapes and order (0-20), up to those starting out on addition and subtraction. It's not really for those who have grasped these concepts already.

There's plenty of variety and the games are simple to get the hang of despite a lack of instruction from the developers. There are many varied games to play, including all the favourites such as insects and other animals, and space arcade games.

Though number '3' in all games looks too much like an '8' on a small screen, which can be confusing.



## Math Farm

Price: £1.49

Pretty basic game where the child connects a number sentence to the correct answer in a multiple-choice environment. At each right answer a part of a farm animal appears until all the answers are completed and you get to see the whole animal.

There are two levels: beginner and intermediate.



## Math Bingo

Price: 69p

Play the game that's all about numbers to learn how to add, subtract, multiply and divide: yes, Bingo. Math Bingo sets a bunch of questions dependent on your choice and the level of your child's maths skills. A timer ticks away so you're out to beat your personal best time each go. To start we'd advise disregarding the clock as this can put undue pressure on the child.

Math Bingo is colourful and features a collection of weird bug aliens to make maths even more fun. The Bingo Bugs can be used in a game of Bingo Bug Bungie – a sort of pinball game where you fire your collected bugs to knockout coins to beat your highest score. Within Math Bingo there are now two new games you can play after completing a Bingo board: Math Stack and Math Fling.



## Operation Math

Price: 69p

This spy game puts the player as a secret agent battling the evil Dr Odd. You get new uniforms and spy gear for each mission completed. You set your challenges depending on the level of maths skills of the child.

This game is all about beating the clock, so try it first in training mode when the player has more time to think about the addition, subtraction, multiplication and division equations.

The spy theme is a great idea for making maths a fun adventure.



## Squeebles Times Tables 2

Master the times tables with the help of Whizz, defeat the nasty Maths Monster, and collect little Squeeble characters, trophies and stars as you learn.

Times Tables: Squeebles Multiplication is a colourful app that makes learning fun. Great way to test pupils on their multiplication and times tables.

There's now a new £1.49 version called Squeebles Times Tables 2, which features an expanded reward system, fun mini game, six tables modes, unlimited players and plenty of stats and reporting for parents and teachers. There are other Squeebles apps for addition, division, etc. See the Key Stage Fun Squeebles website for details of all on offer.



## Mr Thorne's Times Table Terra

### Mr Thorne's Divide + Conquer

### Mr Thorne's Addition Space Station

Price: all £1.49,

The apps are simple and look great.

When you score 10 out of 10 on a particular addition, times table or division test you get to keep a space station or planet, depending on the app you're using. There's a mystery challenge when you've unlocked all the tests, which is an extra incentive.

Each game has three levels: Beginner/Newcomer, First Class/Elite and World Class/Legend. The top level is going to test adults, too.



Mr Thorne's Addition Space Station has 42 mental maths tests, which includes adding multiple numbers, decimals and fractions so is suitable for children aged 5-11.

Mr Thorne's Times Table Terra features 60 tests based on basic multiplication and times tables. They also feature video tutorials from Mr Thorne himself.

Mr Thorne's Divide + Conquer has 50 maths tests based on division and inverse times tables.



## Numbees & The World of Math

Price: 69p.

Aside from the music and sound effects

Numbees is a lot of fun and puts maths into an arcade-style format. It's a lot like Math Bingo but tackles questions from a different point of view, for instance giving you answers and making the player work out the number sentence.



## Let's Do Mental Maths

Price: £1.99

They're a great way to monitor your kids'

progress at maths and test most maths categories - aimed at 5-6, 7-8, 8-9, 9-10 and 10-11 years-olds. The 7-8 app recently won the Futurebook Innovation Award for the best children's non-fiction digital book, credited with "using the digital experience to take on a subject that was 'hard to tackle'"

Let's Do Mental Maths uses an engaging quiz format with a cartoon Digit the Dog, who can offer advice when the player gets stuck.

There are three main quiz areas:

Starter questions to warm up the kids' maths skills – a quick selection of random questions, uniquely combined every time.

Progress tests are made up of 7 sets of 20 questions to track players' scores.

Practice quizzes consist of nine categories of questions: Place Value, Addition, Subtraction, Multiplication, Division, Fractions, Times, Measure and Shape.

There is a simple results dashboard that includes the percentage and number of correct answers as well as the time taken to answer



## YodelOh Math Mountain - School Edition - Addition, Subtraction, Multiplication and Division Practice for Kids

Price: £1.99

This quirky game fires number sentences at you as an Alpine gent slowly climbs the mountain. You can choose addition subtraction (both for numbers 1-20), multiplication, division (numbers 1-12) or a mix, and you have a multiple-choice selection. You need to score as many points as possible before the lederhosen-wearing Hans drops off the cliff.

It's really rather frantic, with maths-crazed sheep butting Hans in the behind, and various other surprises. It features graduated difficulty, with questions getting harder at every level, as well as developmental skill building with pupils having to prioritise visual information and make quick decisions.

## Medieval Math Battle

Free with Addition segment; other segments 69p each.

A turn-based battle game where you defeat your opponents (villains, giant spiders, goblins, dragons, etc.) by answering questions based on addition, subtraction, multiplication and division). The maths problems increase in difficulty as the child improves their skills. As you win battles you earn coins, potions and weapons. These can be used to buy new swords and shields and so forth.



Medieval Math Battle is free, and comes with the Addition part of the game, but each extra maths type (subtraction, multiplication, division) costs 69p to unlock.



## MathBoard

Price: £2.99,

MathBoard can be easily configured for school children of all ages, beginning with simple addition and subtraction problems, multiplication and division, and algebra.

It is built around multiple-choice but encourages working out solutions with a scratchboard area where pupils can chalk their sums.

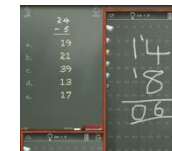
MathBoard's Problem Solver walks students through the steps required to solve the addition, subtraction, multiplication, and division equations.

There are also quick reference tables to hand.

You can determine number ranges, omit negative answers, etc.

Activities and quizzes can be timed, either as a countdown timer or elapsed time.

There's a free version that tackles addition.



## Blackboard Madness: Math

Price: Free.

Blackboard Madness is a set of fast-paced, quick-fire maths challenges, taking in addition, subtraction, division, multiplications, algebra, and  $>$  (more than) and  $<$  (less than) questions.

A great test of mental maths skills, logic thinking and reaction.

You have to slash the correct answers before they drop off the blackboard. There are kung fu sound effects to make you feel like a martial arts maths black belt. The pace is pretty frenetic, but mental maths reaction speed is a great skill to teach more experienced maths students.

There are high scores and player statistics to track performance, bonus achievements and badges as rewards.

