

# MATHS APPS



Manipulatives

**Name: Manipulatives**

**Cost: Paid**

Braining Camp have made a reliable and easy to use set of manipulative for the iPad. Children can use the different tools such as place value chips or fraction blocks to check their answers or provide evidence for them. Each also includes annotation features, making it a very effective alternative to an individual whiteboard in maths lessons. Each resource is available individually or as part of a set.

*MLC Apps  
currently  
available*



Math Clock



Money Pieces



Pieces Basic



Math Vocab



Fractions



Number Pieces



Number Line



Geoboard



Number Rack

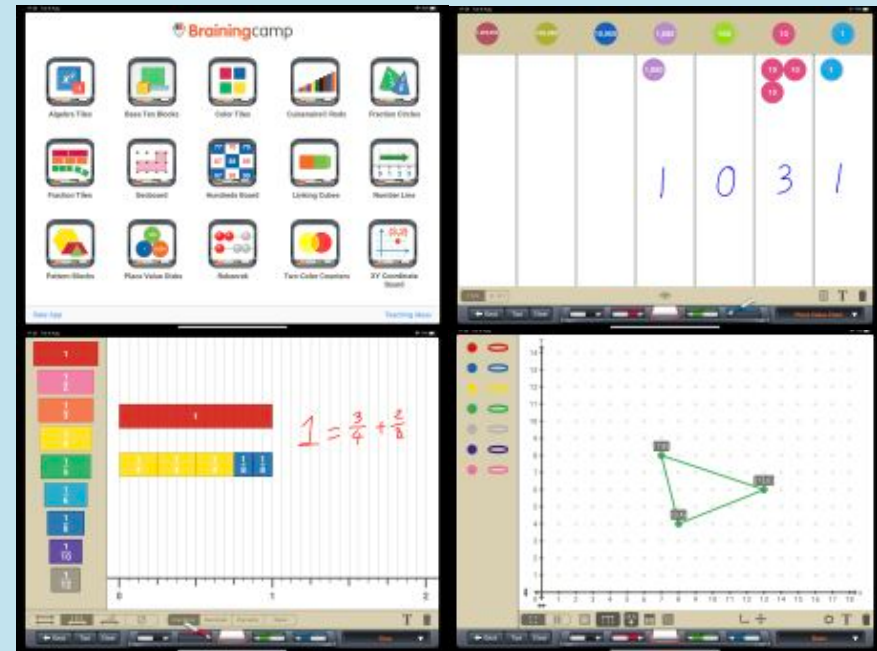


Pattern Shapes



NumberFrames

*Manipulatives Screenshots*




The MATH LEARNING CENTER

**Name: Maths  
Learning Center -  
Various Apps**

**Cost: Free**

The Maths Learning centre offers a free alternative to Braining Camp. While not as simple to use as the above app, there is still a good opportunity for children to explore the conceptual side of the mathematical problems they are undertaking.

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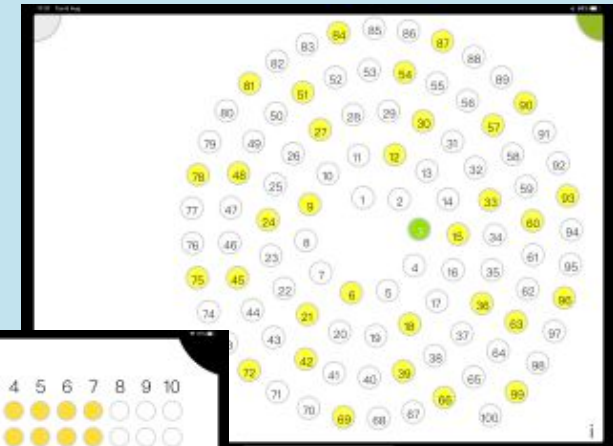
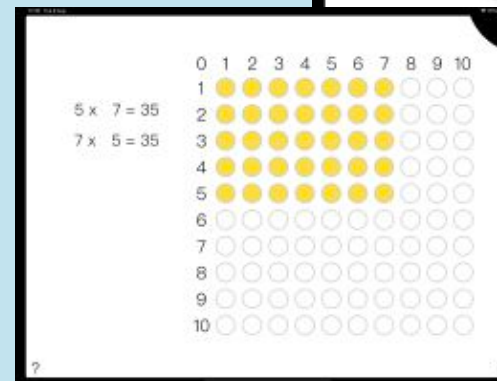
Multiplication


**Name: Visual Multiplication Table**

**Cost: Paid**

A good tool for children to build up their conceptual understanding of multiplication. The developer of this app has made many apps based on methods used in classrooms that can help children connect the abstract concepts arithmetic to pictorial examples that can be linked to the real world.

Visual  
Multiplication  
Table  
Screenshots






Calculator 2

**Name: MyScript Calculator**

**Cost: Paid**

A fun to use calculator that uses handwriting rather than traditional calculator buttons to display solutions to any expressions written into it. The novelty of the calculator and the way in which the solution is displayed as an equation can be a useful and engaging tool when solving multi-step problems.



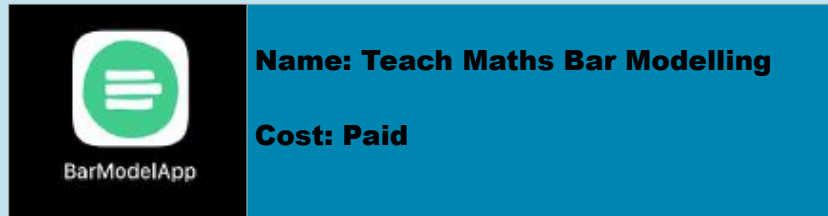
Fun Maths

**Name: Fun Maths**

**Cost: Free**

Fun Maths is a simple game that many children find engaging. The aim of the game is to make 24 applying any of the four main operations to each of the four given numbers. With varying levels of challenge, the game encourages children to be flexible with their known number facts and builds fluency.

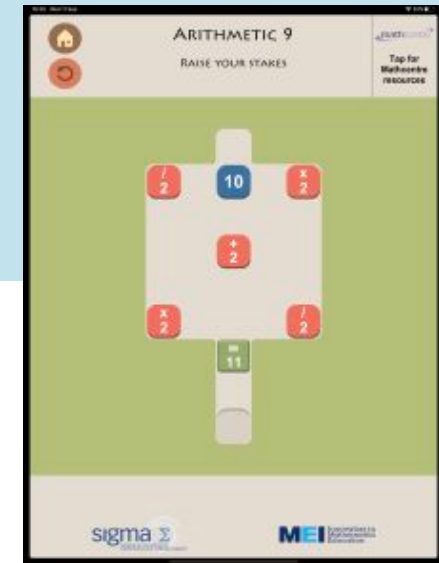
# MATHS APPS



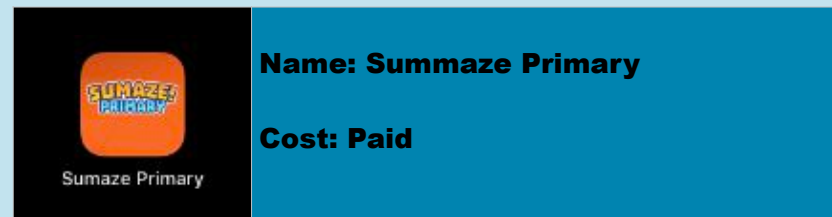
A handy tool for quickly showing word problems using the Singapore bar model. The bars can help children to show where missing values are or what key information they have to help them think more strategically when working on complex problem solving activities.

*Right: Sumaze!*

*Below: Teach Maths Bar Modelling*



Summaze! And its sequel are fluency based games that come recommended by the National Centre for excellence in the teaching of mathematics (NCETM) and is completely free! The progressive difficulty keeps children engaged throughout and helps to consolidate the use of operations and balancing equations.



Also recommended by the NCETM, Summaze! Primary incorporates the same gameplay mechanics as above and presents it in a child friendly way. While the game is less challenging than above, it gives children a fun way to enjoy working with younger siblings with mathematics.

# MATHS APPS

**Name: Hit the Button Maths**

**Cost: Paid**

A popular game for learning number bonds and multiplication facts. The aim of the game is to match the expression to the correct solution as many times as possible in a minute. The competitive element to the game makes it popular in class and at home.

**Choose a Topic**

- Number Bonds
- Doubles
- Division Facts
- Times Tables
- Halves
- Square Numbers

**6 × 7**

28	21	14	7
35	49	42	56
		84	70

0:47 3/3

*Hit the Button Maths Screenshots*

## Dragonbox Available Apps and Screenshots

DB Numbers    Big Numbers    DragonBox Ele...    Algebra 5+    Algebra 12+

**Name: Dragonbox - Various Apps**

**Cost: Paid**

A series of games designed to promote number based problem solving in an engaging way for children. The various Dragonbox games slowly build confidence in using number facts before providing a challenging environment to use them in.