

Website / App: Ken Ken Puzzles

<http://www.kenkenpuzzle.com/>

Key Stage 1 and Key Stage 2

Maths areas:

Number

Calculations

Problem Solving

Pattern sequencing



Website / App: Mr Barton Maths

www.mrbartonmaths.com

Appropriate Year Group:

All year groups

Some great printable activities for the children to complete.

The tarsia games are a great way of challenging the children's understanding.



Website / App: Mad4maths

<http://www.mad4maths.com/>

Appropriate Year Group:
Year 2 to Year 6

Maths areas:

Calculations

The children are set against the clock to click all the correct multiples.



Website / App: The mathematical shed

<http://www.mathematicshed.com/>

Appropriate Year Group:
All year groups

Maths areas:

A nice variety of games and activities for the children to play.

A range of different ways to challenge the children.



Website / App: Find the Factors

<https://findthefactors.com/>

Appropriate Year Group:
Year 2 +

Maths areas:

Calculations and problem solving:

The children will use their problem solving skills to identify the missing numbers in the grid.

Excel Sheets of All the Puzzles

In [Division Facts Puzzles](#), there are only level one puzzles solved in this gif:

X	7	9	8	1	5	10	3	6	2	4
5	35	45	40	5	25	50	15	30	10	20
10	70	90	80	10	50	100	30	60	20	40
1	7	9	8	1	5	10	3	6	2	4
3	21	27	24	3	15	30	9	18	6	12
8	56	72	64	8	40	80	24	48	16	32
6	42	54	48	6	30	60	18	36	12	24
9	63	81	72	9	45	90	27	54	18	36
2	14	18	16	2	10	20	6	12	4	8
7	49									
4										16

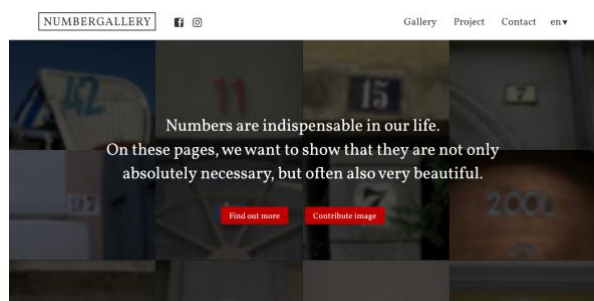
Website / App: Number Gallery

<https://numbergallery.com/>

Appropriate Year Group:
All year groups

Maths areas:

Find a range of examples of 'real life' numbers and can the children use this to find numbers in their own house or on the way to school?



Website: Transum

<http://www.transum.org/Software/>

Appropriate Year Group:
All year group

Quick problems for the children to try and solve.

The problem of the day is very popular in school and would be a great way to challenge the children.

Website / App: iMovie
iPad feature

Appropriate Year Group:
Key Stage 2

Maths areas:

If you are doing a practical activity at home (E.g. cooking or crafts) you could turn it into your own tutorial video using an iPad.



Website / App: Educreations
iPads

Appropriate Year Group: All

Maths areas

One way to get children to learn is to let them become the teacher. Educreations is an app that allows the children to create tutorial videos and explain their understanding.

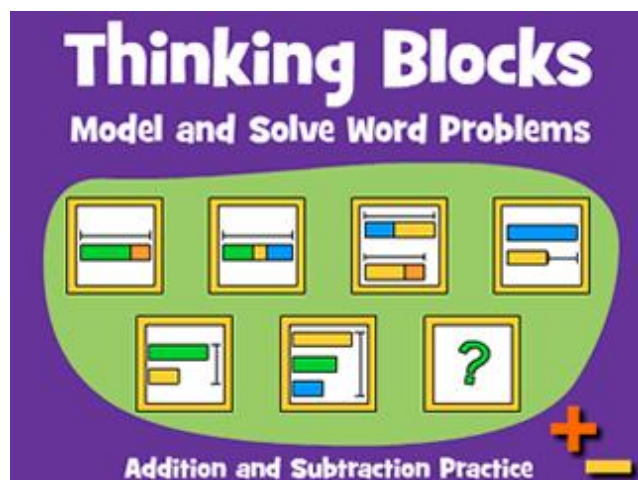


Website / App: Thinking Blocks
iPad app

Appropriate Year Group:
Year 2 to Year 6

Maths areas

Being able to understand a word problem can be a challenge. This app helps the children visualise the problem and helps them work through different styled word problems.



Website: White Rose Problem of the Day

<http://whiterosemathshub.co.uk/problemoftheday/>

Appropriate Year Group:
KS1 – KS2

This website offers a daily problem, a great OMS for first thing in the morning or the afternoon. They can be opened as a PDF on the website or downloaded.

KSI Problem Solving Questions
Monday 5th March 2017

1 If

$$24 + \bullet = 32$$

Work out

$$28 + \bullet = \square$$

$$\bullet + 38 = \square$$

$$32 - \bullet = \square$$

$$35 - \bullet = \square$$

2 A sack of potatoes weighs 25kg.



The potatoes are put into a barrel.



The weight of the barrel and potatoes is 62kg.

How much did the barrel weigh before the potatoes were added?

Website: Kangaroo Maths

<http://www.kangaroomaths.com/>

Appropriate Year Group: KS1
– KS2

A huge range of resources with great examples of reasoning based questions.

(Stage does not mean year group. Please check the

Kangaroo MATHS

Kenny's Pouch
Home
Kenny's Shop
About
Schemes of work
Assessment

Assessment: Key Stage 2/3
A gradual shift to assessing without levels

BAM Tracking | BAM Tasks | Got It? | Assessment Package 1 | Assessment Package 2

'Build-a-Mathematician' (BAM) Progress Tracking (2014 NC)

Our new 'assessing without (NC) levels' suite of assessment materials - based on the Kangaroo Maths Mastery Indicators - is intended to be used alongside our schemes of work. The structure for assessing without levels, and building a picture of a mathematician, is listed on the overview page of each scheme of work. The following document summarises key information from all the stages.

- Assessing without levels: A stage by stage overview

The BAM Tracker enables teachers to build a picture of their pupils and generate individual profiles. It is based on ideas in 'Embedded Formative Assessment' (Dylan Wilam, 2011), and the intention is that it is used formatively throughout a year. For those schools wishing to use a similar approach but based on complete curriculum coverage...

objectives)

Website: The guided reasoning website

<http://www.guidedreasoning.co.uk>

Appropriate Year Group:
KS1 – KS2

If you need a stimulus for building discussion around maths then there are ‘age appropriate’ resources available on the ‘guided reasoning website’.

To access go to ‘materials’ on the ‘the practice’ page.



Website: Math Playground

<http://www.mathplayground.com/>

Appropriate Year Group: KS1 – KS2

A range of fun and interactive maths games. Sometimes the children learn best when they don't even realise they are doing maths.

