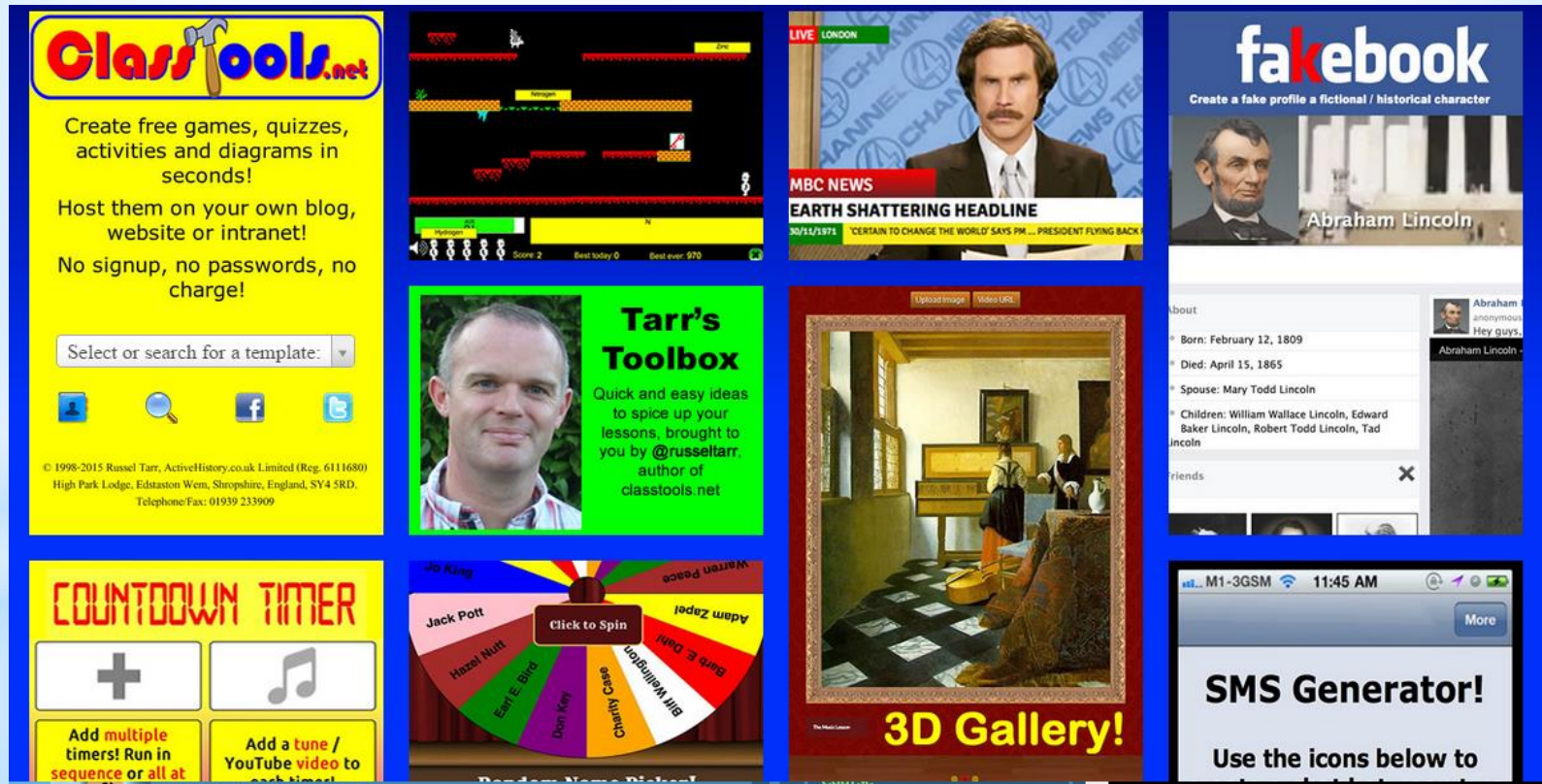


# Useful Websites for the classroom



# Classtools.net

Has loads of spinners, fruit machines, timers, text generators, Facebook template, Twitter template etc.



# taggalaxy.de

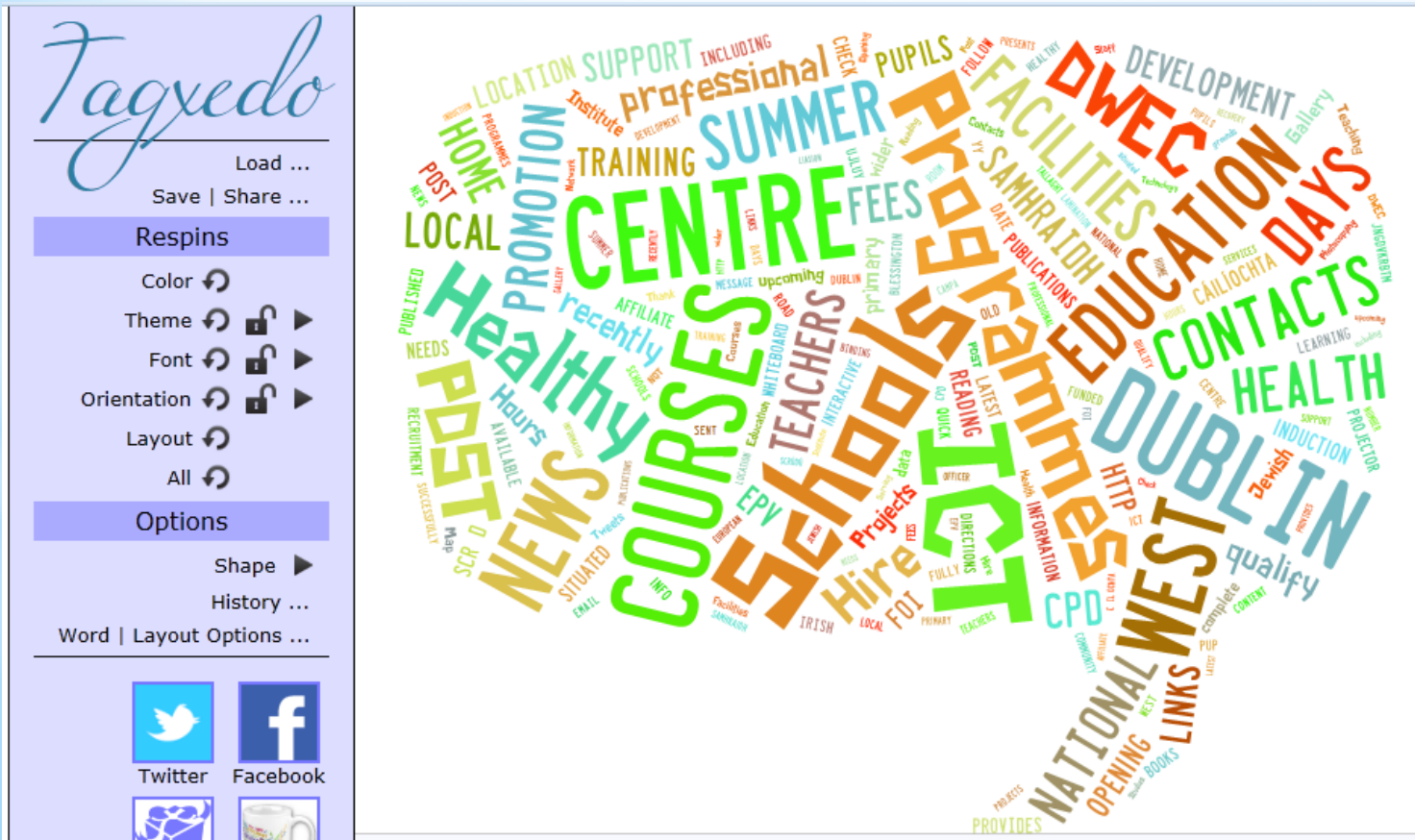
Find, and display, images in a floating solar system with Tag Galaxy. Take your time in the solar system, before clicking on the "sun". A great place for stimulating discussion.





# Tagxedo

Brings a word-cloud alive. The layout of each cloud can be manipulated to a great level of detail: colour, shape, rotation and more. Can also be used to identify the frequency of words used in a piece of text. Example below is based on Dublin West Education Centre website. Will **NOT** work in Chrome.

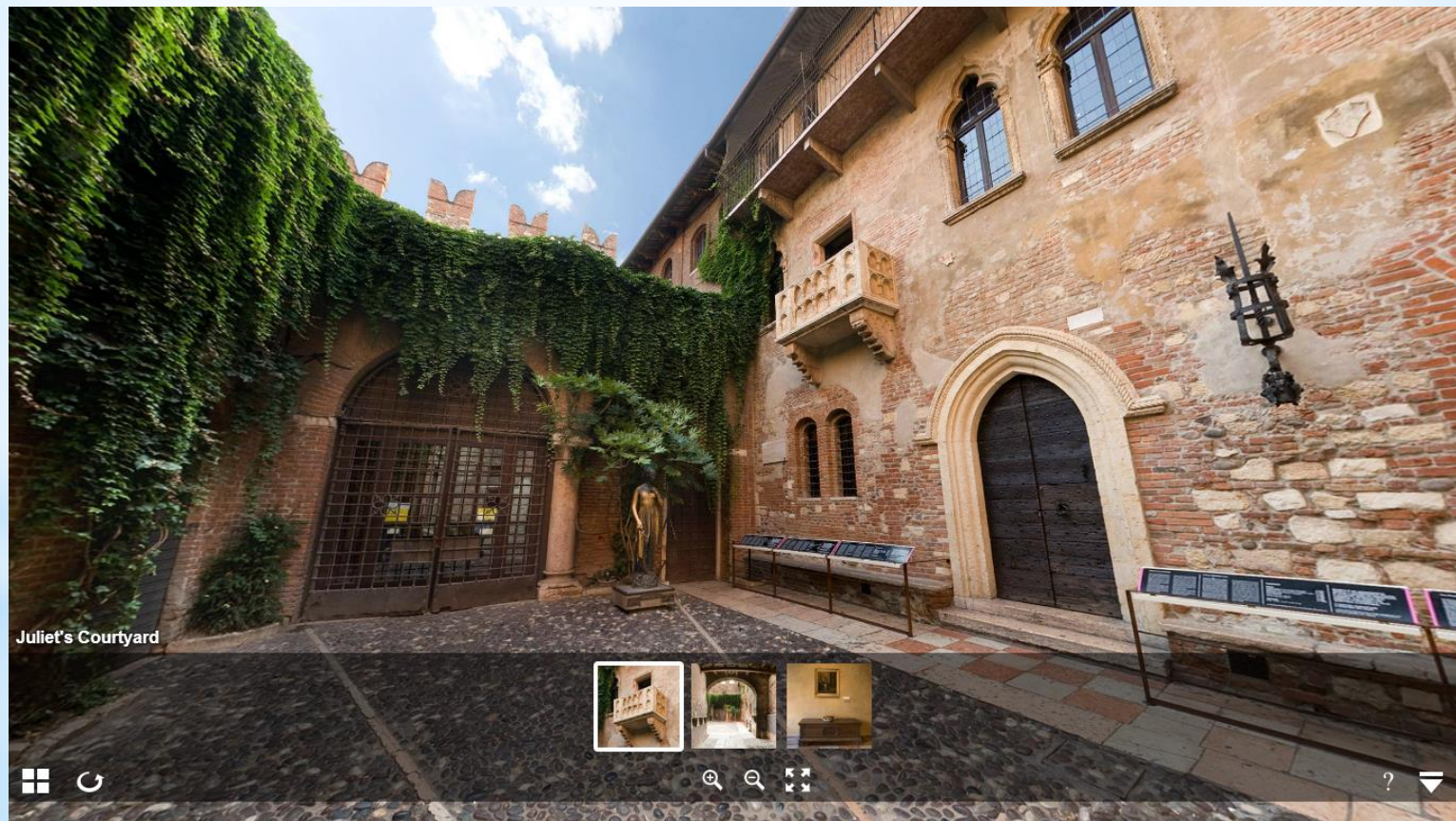


Tutorial on  
how to use  
Taxxedo  
here...

<http://techietuesday.wikispaces.com/file/view/Tagxedo,+How+to.pdf>

# Panoramas

Can be used to visit cities and historical sites around the universe - below is Juliet's balcony in Verona Italy.





# Foodie Friends Initiative

archives all around the world



# Typing Tutor

- Download and use TuxType or go online...
- Rapid Typing and Typing Web both have teacher features

rrr uuu rrr uuu rrr uuu rr uu rru rru rru uru rur  
uuu rrr uuu rrr uuu rrr uu rr uur uur uur rur uru

~ ! @ # \$ % ^ & \* ( ) \_ + Backspace  
Tab Q W E R T Y U I O P { } | \n  
Caps Lock A S D F G H J K L ; ' , Enter  
Shift Z X C V B N M < > ? / Shift  
Ctrl Alt [Space] Alt Ctrl


Hand positions: L (Left) and R (Right) are indicated by hand icons and labels.

Show/Hide Keyboard Diagram


# Kent ICT Writing Repeater

## Writing Repeater

Press  and you will be able to write.

Press  and your word will be saved for replaying. You must save before you can play.

Press  to replay your word.

Press  to clear your list of saved words.

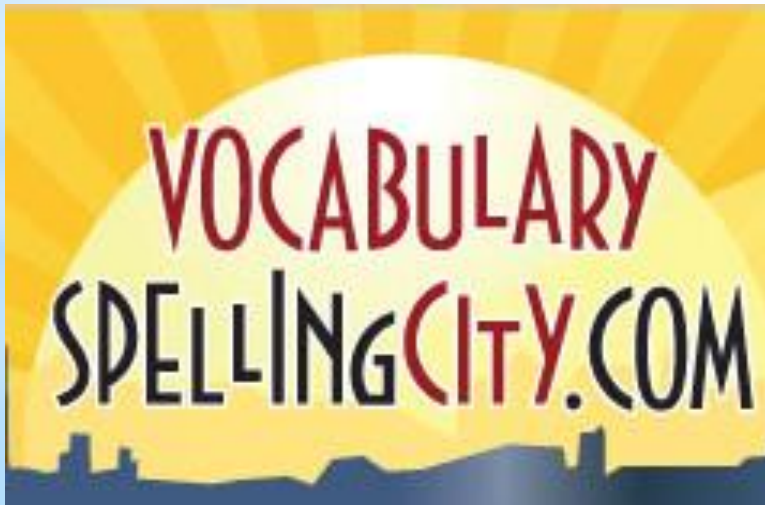
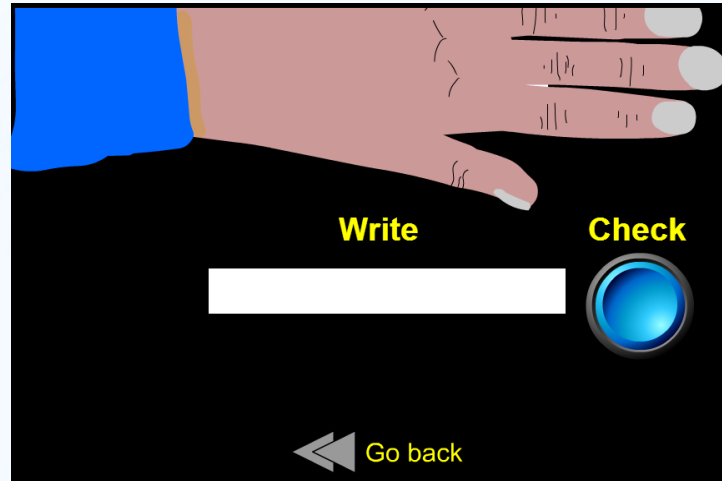
Press  to turn the lines on and off.

Press  to replay an old saved word.

For slow playback you will need to write slowly!



# Websites for Spelling



# Dafont.com

- Wide range of fonts available for classroom use
- free!
- can make a piece of text visually more interesting
- unique to each computer
- preview the fonts!

**STRIKEZONE**  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

**OPENBOWLING**  
ABCDEFGHIJKLMNOPQRSTUVWXYZ

*Scoresheet*  
AaBbCcDdEeFfGgHh

# Dafont.com



Login | Register

English Français Español Deutsch Italiano Português



## "I can"

We help turn "I can't" into "I can."

LEARN MORE



Themes Authors Forum Submit a font  
New fonts Top FAQ Tools

Search

ABCDEFGHIJKLMNOPQRSTUVWXYZ#

Fancy	Fire, Ice Decorative Typewriter Stencil, Army Retro Initials Grid Various	Foreign look	Chinese, Jpn Arabic Mexican Roman, Greek Russian Various	Techno	Square LCD Sci-fi Various	Gothic	Medieval Modern Celtic Initials Various	Basic	Sans serif Serif Fixed width Various	Script	Calligraphy School Handwritten Brush Trash Graffiti Various	Dingbats	Alien Animals Sport Heads Kids TV, Movie Logos Sexy Army Music Various	Bar Code	Nature Sport Heads Kids TV, Movie Logos Sexy Army Music Various	Holiday	Valentine Easter Halloween Christmas Various
Bitmap	Pixel, Bitmap																

## How to install a font (details in the [Help](#) section)

Extract the files you have downloaded, then:

- Windows 8/7/Vista: Right-click on the font files > "Install"
- Windows XP: Put the font files into C:\Windows\Fonts
- Mac OS X: Double-click the font file > "Install font" button. [Other OS...](#)

26,316 fonts of which:  
7,084 with accents  
8,081 with the Euro symbol

## Recently added fonts

Santa's Air Mail by imagex

in Holiday > Christmas

3 comments Free for personal use

# SANTA'S AIR MAIL

Download

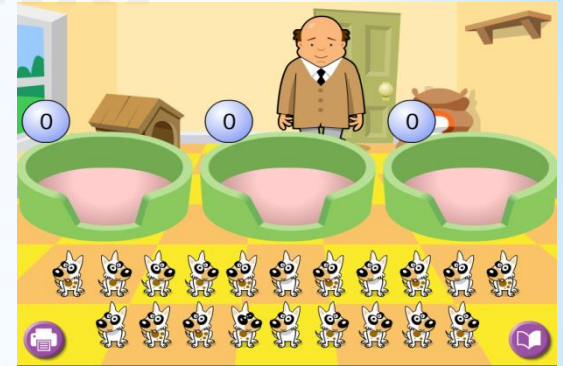
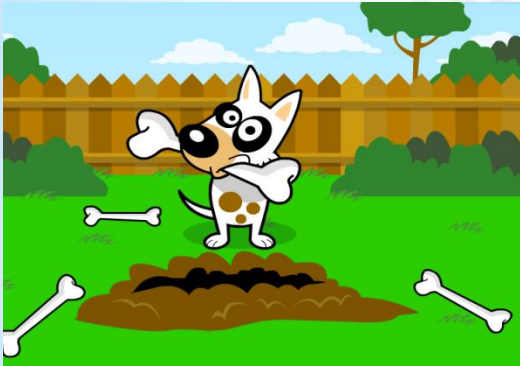
Donate to author



# Key Websites: Literacy

- [tesiboard](#)
- [Starfall](#)
- [Speakaboos](#)
- [Kidsaudiobooks](#)
- [Woodlandsjunior](#)
- [Speakingofspeech](#)
- [StoryStarts](#)
- [www.pdst.ie](#)
- [Clare Education Centre](#)

# HWB Maths Problem Solving



- \* Cross the Swamp : Can you use your number knowledge to cross the swamp?
- \* Burying Bones Investigation : Can you record all the possible ways of burying the bones?  
Record your learning.
- \* Dress the Dog Investigation : How many ways can you dress the puppies? Can you record your learning in your journal?
- \* Mr. Jones Practical Task : Can you arrange the puppies evenly so that they go to sleep?  
Record how you did this. Can you print this?

\*See more on the full [HWB Site](#)

# NZ Maths Problem Solving

## Infants Middle Senior

### Cars in the Garage

#### Cars in Garages

I own 5 cars and a very large garage.



If I can see 2 cars parked outside the garage, how many are inside?

How many different ways can I park my cars inside and outside the garage?

*How do you know that you have found all the ways that the cars can be parked?*

### Decimal Names

#### Make 4.253

Gill, was playing with her name and with numbers. She let all her consonants equal 1.3 and all her vowels equal 0.5. So the value of Gill's name is  $1.3 + 0.5 + 1.3 + 1.3 = 4.4$ .

What is the value of your name?

Change the rules so that the value of your name is 4.253



*What is the value of the ... digit in the number?  
Is your answer reasonable? How do you know?*

### Legs in the Barn

#### Legs in the Barn

One third of the animals in the barn are chickens. The rest are pigs. There are 20 legs in all. How many pigs are there?



*Encourage the students to plan ways of recording their work so that others will be able to understand what they have done.*



# A Guide to NZ Maths

## *What levels to use??*

Year	Age at 30 June	Old system	Curriculum/Qualification Level <sup>[15]</sup>
1	5	Junior 1/Primer 1	Level 1
2	6	Junior 2/Primer 2	
3	7	Standard 1	Level 1–2
4	8	Standard 2	Level 2
5	9	Standard 3	Level 2–3
6	10	Standard 4	Level 3
7	11	Form 1/Standard 5	Level 3
8	12	Form 2/Standard 6	Level 3–4
9	13	Form 3	Level 4
10	14	Form 4	Level 5
11	15	Form 5	Level 6 / Level 1
12	16	Form 6	Level 7 / Level 2
13	17	Form 7	Level 8 / Level 3



**Level 1:** Suitable for Infants - 1<sup>st</sup> Class

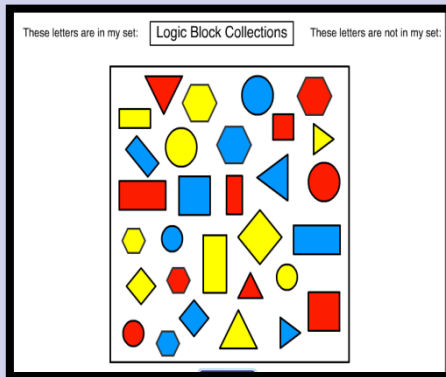
**Level 2:** Suitable for 1<sup>st</sup> Class - 3<sup>rd</sup> Class

**Level 3:** Suitable for 3<sup>rd</sup> - 6<sup>th</sup>

**Level 4:** Suitable for 6<sup>th</sup> Class

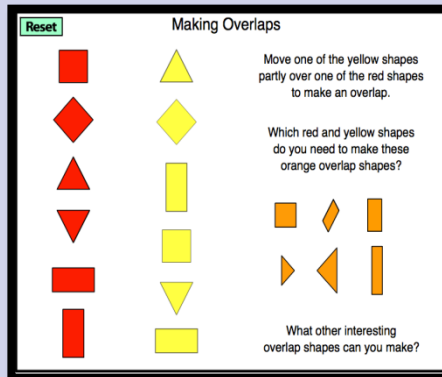
# Nrich Problem Solving Activities

## Logic Block Collections



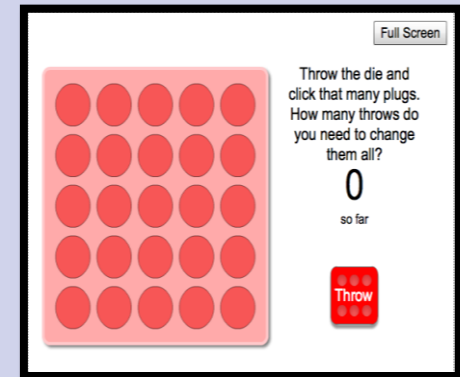
1. What do you think is the same about these two logic blocks? How many sets of shapes can you make and record?

## Overlaps



1. Can you match these pairs of shapes with the shape you would get if you overlapped them?

## All Change



1. How many throws do you need to change all the plugs? Can you complete the three tasks?

# Nrich Resources

- ★ Lovely to print off and have in the classroom or school foyer
- ★ Could be used for whole-school problem solving activities...SSE?

## NRICH Posters

Click on the thumbnails below to view, download and print NRICH posters. You are welcome to print as many copies of these as you wish to decorate your classroom walls, use in presentations, or for other non-commercial educational uses, but please do not modify them.

You can also view [primary](#) and [secondary](#) posters separately, or download this [zip file containing all our posters](#).

**Got It!**




This is a game for two players.  
Start with the target number of 23.  
The first player chooses a whole number from 1 to 4.  
Players take turns to add a whole number from 1 to 4 to the running total.  
The player who hits the target of 23 wins the game.  
Can you find a winning strategy?  
Can you always win?

What happens if you choose a new target number?  
What happens if you change the range of numbers you can add?  
Can you work out a winning strategy for any target and any range of numbers?

nrich.maths.org

**Giants**



Which is bigger:  $9^{10}$  or  $10^9$ ?

Can you use a calculator to compare  $88^{100}$  and  $100^{88}$ ?

Work out which is bigger out of  $888^{1000}$  and  $1000^{888}$ .

nrich.maths.org


**Mixing Lemonade**



I mixed up some lemonade in two glasses.  
The first glass had 60ml of lemon juice and 200ml of water.  
The second glass had 100ml of lemon juice and 350ml of water.  
Which mixture tasted stronger?  
How do you know?

nrich.maths.org

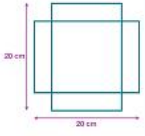
**Tourism**



Which of these diagrams can you copy without lifting your pen off the paper and without drawing any line twice?

nrich.maths.org

**Cuboid Challenge**



You can make an open box from a 20cm by 20cm piece of card by cutting out four squares and folding the flaps.

What's the biggest volume of box you can make in this way?

nrich.maths.org

**Which is Biggest?**



Which of these four expressions is largest?

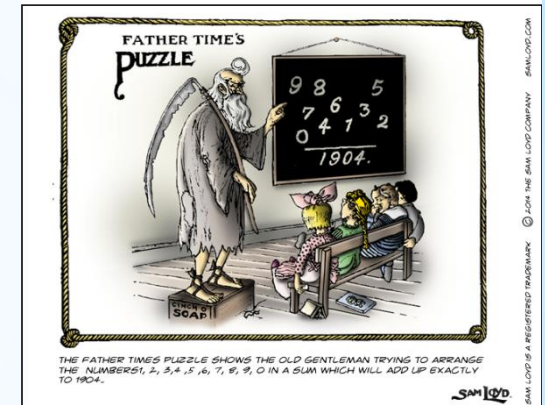
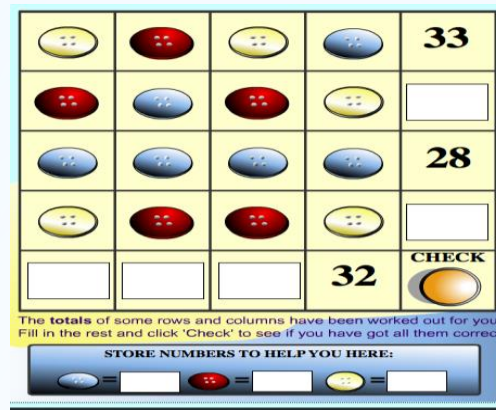
$2n + 3$     $n + 10$   
 $\frac{1}{2}n + 1$     $3n - 14$

Is there a diagram you could draw that would help you decide?

nrich.maths.org



# More Problem Solving Websites



- \* Speed Grid Challenge : Can you complete this problem solving speed challenge?
- \* Magic Gopher : Can you take the number prediction challenge?
- \* Button Beach Challenge : Each coloured button is worth a number, can you find them?
- \* Sam Loyd Puzzles : A complete collection of puzzles online to be used in middle and senior problem solving classes.

# Numeracy Resources

- **Early Mathematical Activities**
  - \* [Topmarks.co.uk](http://topmarks.co.uk)
  - \* [Sheppard Software](#)
  - \* [Virtual Manipulatives](#)
  - \* [Crick Web](#)
  - \* [Glencoe](#)
  - \* [Math Wire](#)
  - \* <https://www.khanacademy.org/math/early-math>
- **Number**
  - \* [Tables](#)
- **Measures**
  - \* [Teaching Money](#)
  - \* [Calendar](#)
- **Algebra**
  - \* [Directed Numbers](#)
- **Shape & Space**
  - \* [3D Shapes](#)
- **Problem Solving**
  - \* [Math Playground](#)
  - \* [NZ Maths](#)
  - \* [Nrich maths](#)
- **Resource links**
  - \* [www.pdst.ie/ict](http://www.pdst.ie/ict)
  - \* [Clare EC](#)

# Other Useful Websites

- ★ [Deep Space Sparkle](#)
- ★ [Rainn agus Amhráin](#)
- ★ [Anseo.net](#) - downloadable programmes and blog
- ★ [Toporpa](#)
- ★ [Ask About Ireland](#)
- ★ [Teachnet](#)
- ★ [CBI Project](#) - health warning!



# Alternative to Scratch

Studio Code - teacher and pupil friendly!



6,994,234,788 LINES OF CODE  
WRITTEN BY 5 MILLION STUDENTS

Code Studio is home to online courses created by Code.org

[Student Sign Up](#)

[Teacher Sign Up](#)

Already registered?

[Sign in](#)

## The Hour of Code for All Ages



### Hour of Code

Try the basics of computer science. Millions have given it a shot.



### Frozen

Let's use code to join Anna and Elsa as they explore the magic and beauty of ice.



### Infinity Play Lab

Use Play Lab to create a story or game starring Disney Infinity characters.



### Flappy Code

Wanna write your own game in less than 10 minutes? Try our Flappy Code tutorial!

<https://ie.ixl.com/>

[https://school.typingpal.com/index\\_ecole.asp?PEHLPHSC](https://school.typingpal.com/index_ecole.asp?PEHLPHSC)

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

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

<http://uk.spellodrome.com/#/home>

<http://uk.mathletics.com/#/home>

<https://www.purplemash.com/login/>

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

 **Others to note**