

Useful Websites for the classroom



Classtools.net

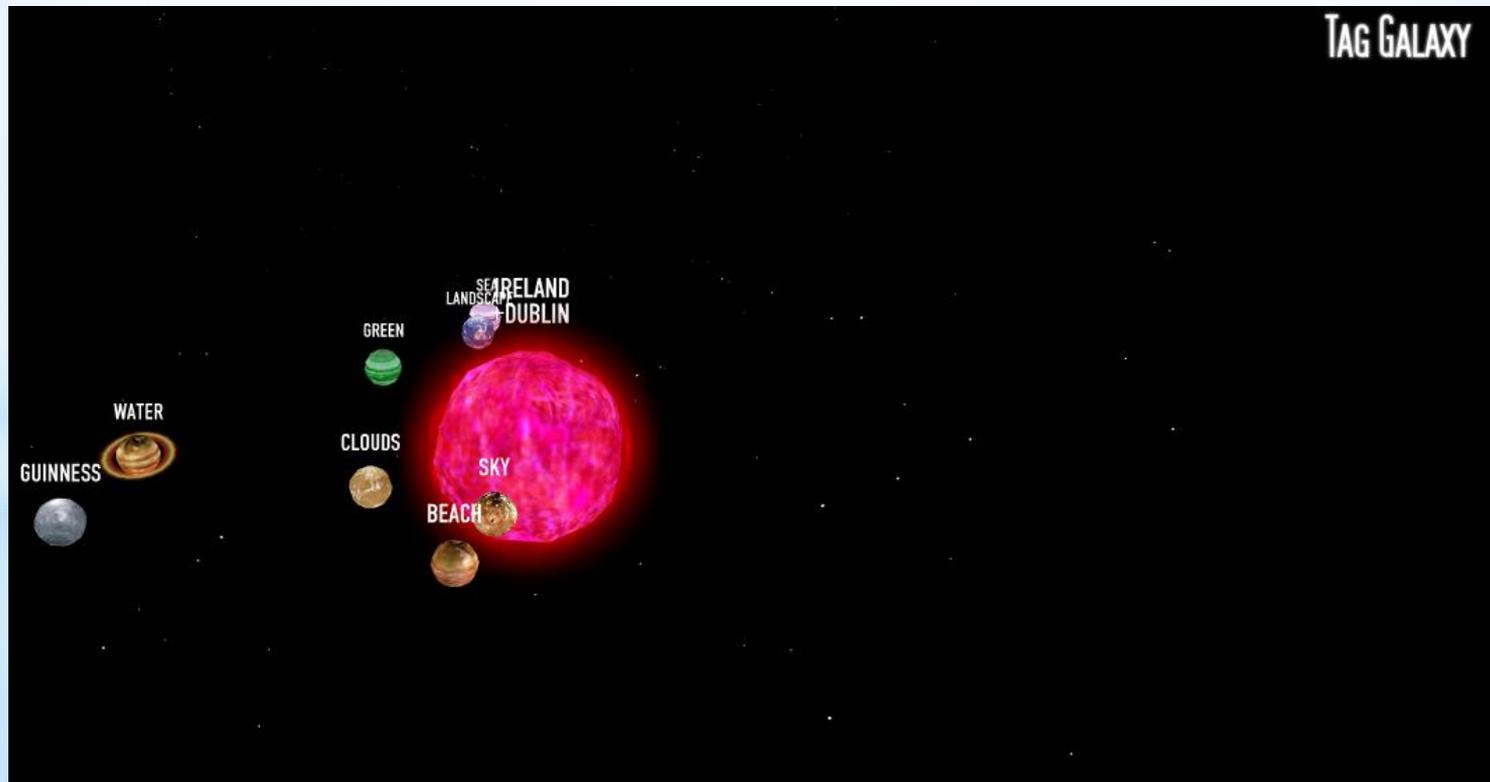
Has loads of spinners, fruit machines, timers, text generators, Facebook template, Twitter template etc.

The collage features several tool panels:

- ClassTools.net**: A yellow panel with the logo and text: "Create free games, quizzes, activities and diagrams in seconds! Host them on your own blog, website or intranet! No signup, no passwords, no charge!" It includes a search bar and social media icons.
- Game**: A screenshot of a platformer game with a character and a score of 2.
- MBC NEWS**: A news broadcast snippet featuring a man with a mustache and the headline "EARTH SHATTERING HEADLINE".
- fakebook**: A panel for creating fake profiles, showing a profile for "Abraham Lincoln" with a photo and biographical details.
- Tarr's Toolbox**: A green panel with a photo of a man and text: "Quick and easy ideas to spice up your lessons, brought to you by @russeltarr, author of classtools.net".
- 3D Gallery!**: A panel showing a 3D rendering of a room with a piano and a woman, with a "3D Gallery!" label.
- COUNTDOWN TIMER**: A panel with a large red "COUNTDOWN TIMER" text and buttons for adding multiple timers and tunes.
- Spinner**: A colorful wheel with names like "Jack Pott", "Hazel Nutt", "Earl E. Bird", "Don Key", "Cherry Caber", "Bill Wellington", "Barb E. Dahl", "Adam Zapfel", and "Warren Peace". A "Click to Spin" button is in the center.
- SMS Generator!**: A panel with a mobile phone interface and the text "SMS Generator! Use the icons below to".

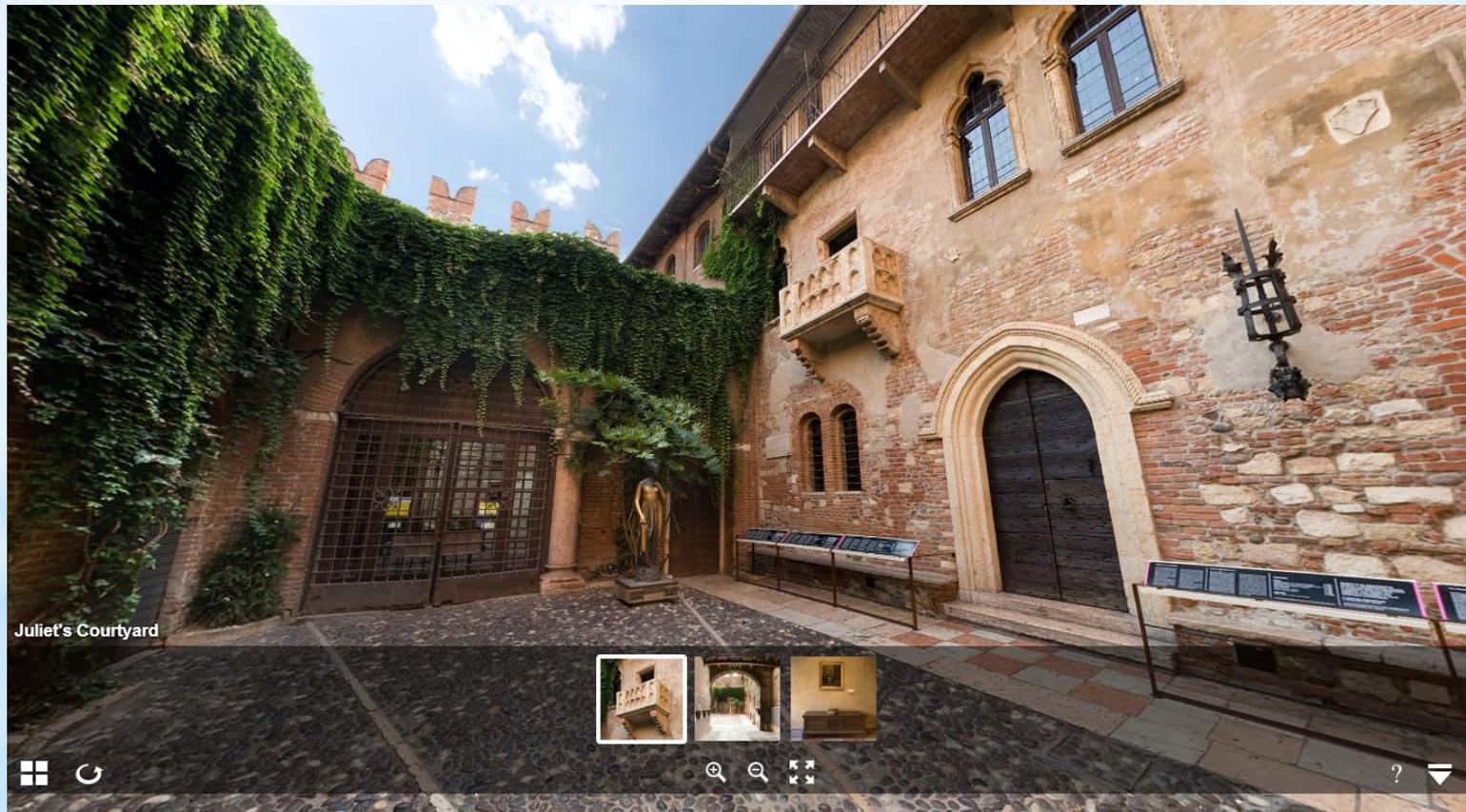
taggalaxy.de

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.



Panoramas

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



Google Cultural Institute

Discover exhibits and collections from museums and archives all around the world

The screenshot shows the Google Cultural Institute interface. At the top, there is a navigation bar with a dropdown arrow, 'Historic Moments', a search bar, 'Collections', 'User Galleries', 'My Galleries', and '2015summer'. The main content area features a large image of a stone memorial wall with the text 'THEIR NAME LIVETH FOR EVERMORE'. Overlaid on this image is the title '1914 - 1918 IRISH WAR MEMORIAL RECORDS'. Below the title is a descriptive paragraph: 'Some 210,000 Irish fought in the British Army in the Great War. By some estimates more than 49,000 perished. This exhibit aims to preserve their memory - and promote reconciliation on the island of Ireland.' To the right of the main image is a small map of Ireland. At the bottom of the main image is a progress bar. Below the main image, it says 'By In Flanders Fields Museum in association with Eneclann & Google'. At the bottom of the interface, there are icons for 'Share', 'Compare', 'Saved', and 'Discover'. In the bottom right corner, there is a small logo for 'CULT INSTI'.

Historic Moments Search Collections User Galleries My Galleries 2015summer

1914 - 1918
IRISH WAR MEMORIAL RECORDS

Some 210,000 Irish fought in the British Army in the Great War. By some estimates more than 49,000 perished. This exhibit aims to preserve their memory - and promote reconciliation on the island of Ireland.

By In Flanders Fields Museum in association with Eneclann & Google

Share Compare Saved Discover

Image: Ir
CULT INSTI

Typing Tutor

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

The image shows a typing tutor interface. At the top, there are two lines of text for practice: "r r r u u u r r r u u u r r r u u u r r u u r r u r r u r r u u r u r u r u r" and "u u u r r r u u u r r r u u u r r r u u r r u r u r u r u r u r u r u r u r". The first 'r' in the first line is highlighted in green. Below the text is a large empty space for writing. At the bottom, there is a keyboard diagram with a left hand icon labeled 'L' and a right hand icon labeled 'R'. The 'R' key on the keyboard is highlighted in green. A green target icon is positioned above the left hand icon. In the bottom right corner, there is a link that says "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.

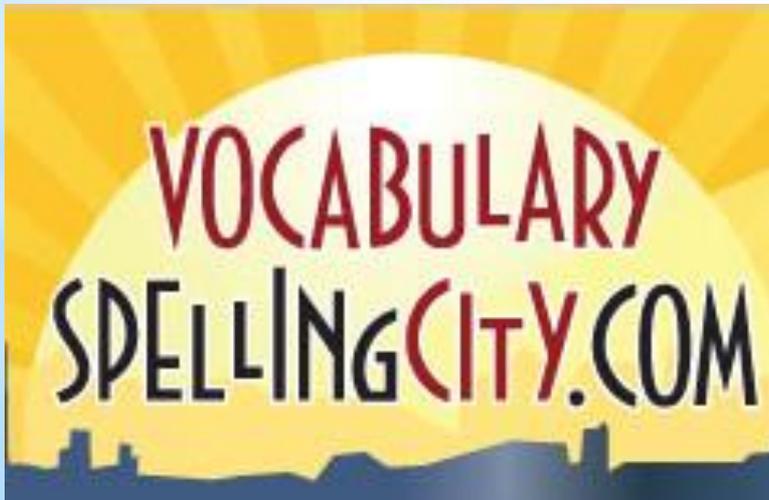
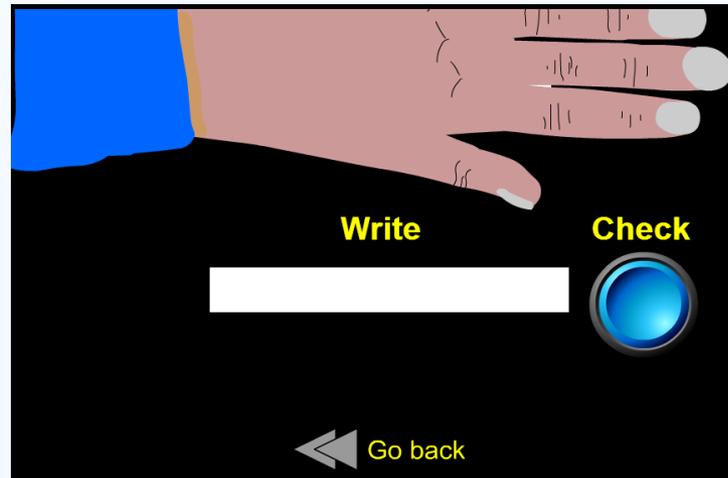
Press  to clear your list of saved words.

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 fadas!

STRIKEZONE
ABCDEFGHIJKLMNPO

OPENBOWLING
ABCDEFGHIJKKLMNO

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

ABCDEFGHIJKLMNOPQRSTUVWXYZ#

Fancy Cartoon Comic Groovy Old School Curly Western Eroded Distorted Destroy Horror	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 Bitmap Pixel, Bitmap	Gothic Medieval Modern Celtic Initials Various	Basic Sans serif Serif Fixed width Various	Script Calligraphy School Handwritten Brush Trash Graffiti Various	Dingbats Alien Animals Asian Ancient Runes, Elvish Esoteric Fantastic Horror Games Shapes	Bar Code Nature Sport Heads Kids TV, Movie Logos Sexy Army Music Various	Holiday Valentine Easter Halloween Christmas Various
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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

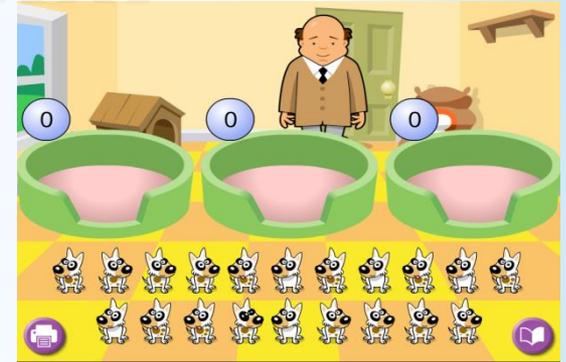
[Download](#)

[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

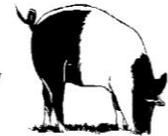


*What is the value of the ... digit in the number?
Is your answer reasonable? How do you know?*

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 ^[15]
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 - 1st Class

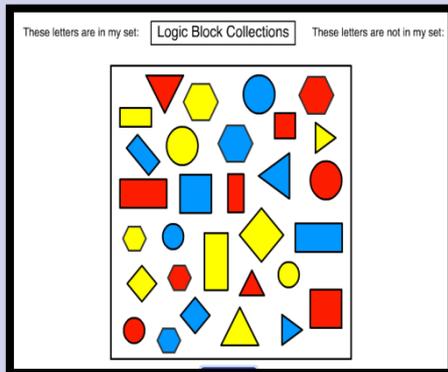
Level 2: Suitable for 1st Class - 3rd Class

Level 3: Suitable for 3rd - 6th

Level 4: Suitable for 6th Class

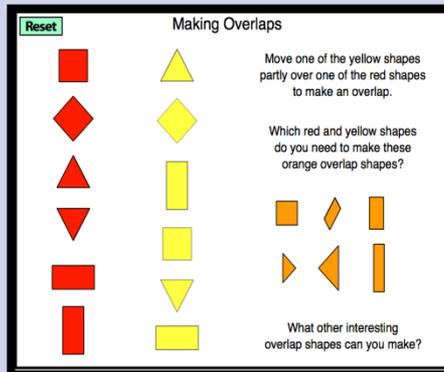
Nrich Problem Solving Activities

Logic Block Collections



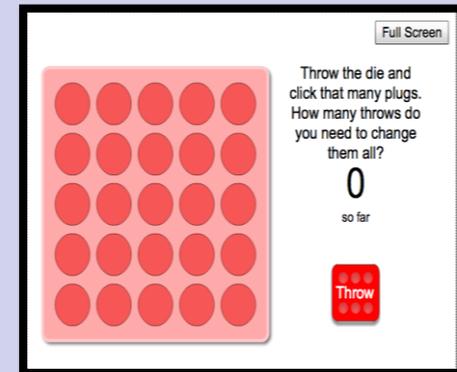
1. What do you think is the same about these two logic blocks? How many sets of shapes can you make and record?

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?

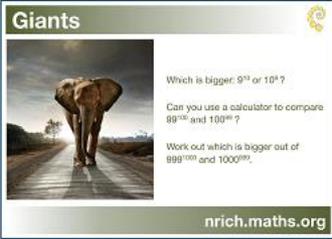
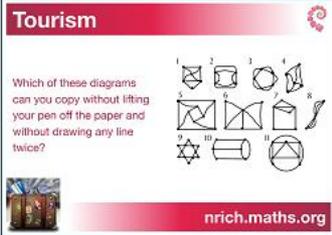
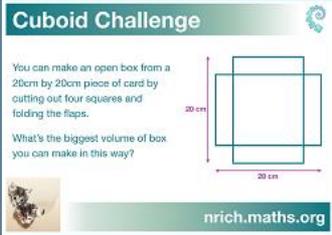
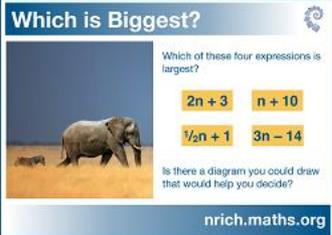
Nrich Resources

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

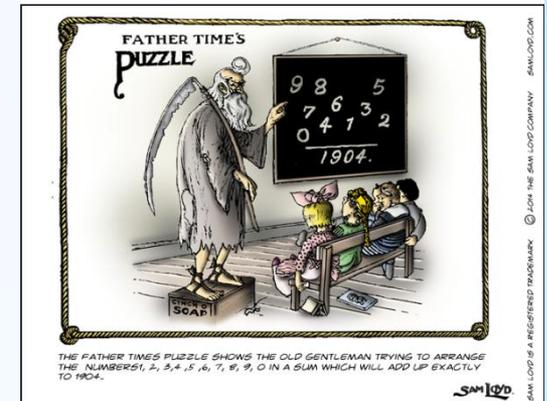
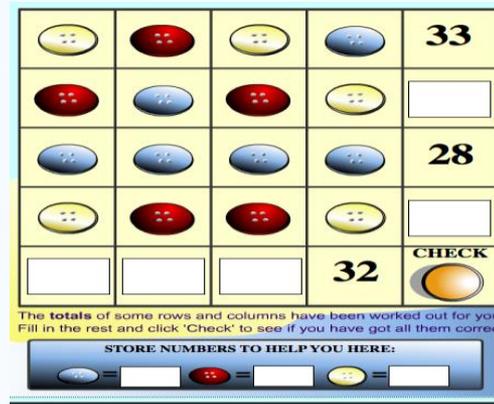
NRICH Posters

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](#).

 <p>Got It!</p> <p>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?</p> <p>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?</p> <p>nrich.maths.org</p>	 <p>Giants</p> <p>Which is bigger: 9^{10} or 10^9?</p> <p>Can you use a calculator to compare 88^{100} and 100^{88}?</p> <p>Work out which is bigger out of 889^{1000} and 1000^{889}.</p> <p>nrich.maths.org</p>	 <p>Mixing Lemonade</p> <p>I mixed up some lemonade in two glasses.</p> <p>The first glass had 60ml of lemon juice and 200ml of water.</p> <p>The second glass had 100ml of lemon juice and 350ml of water.</p> <p>Which mixture tasted stronger? How do you know?</p> <p>nrich.maths.org</p>
 <p>Tourism</p> <p>Which of these diagrams can you copy without lifting your pen off the paper and without drawing any line twice?</p> <p>nrich.maths.org</p>	 <p>Cuboid Challenge</p> <p>You can make an open box from a 20cm by 20cm piece of card by cutting out four squares and folding the flaps.</p> <p>What's the biggest volume of box you can make in this way?</p> <p>nrich.maths.org</p>	 <p>Which is Biggest?</p> <p>Which of these four expressions is largest?</p> <p>$2n + 3$ $n + 10$</p> <p>$\frac{1}{2}n + 1$ $3n - 14$</p> <p>Is there a diagram you could draw that would help you decide?</p> <p>nrich.maths.org</p>

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
 - * [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

<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**