

Somerset College

Making Maths fun with IT part 1 & 2

[Empatico](#)

[Empatico](#), an initiative of The KIND Foundation, is a free tool for educators to connect their classrooms with others around the world. Educators do this through a combination of live video and activities designed to foster meaningful connections among students ages 7-11. Empatico empowers educators and students to explore the world through experiences that spark curiosity, kindness, and empathy. Empatico was named a Fast Company 2018 World Changing Idea .

Global Collab- where can you get started?

If you want your class to get connected to other classrooms around the world and do not know where to start then sign up to [Empatico](#) and they will match you with a class in your time zone. Let the connecting begin. Did I mention it is free! [Click here to sign up](#). This platform allows you to connect with classes that are matched to you by the platform based on the same time zones.

Meet students from other countries and make your learning fun.

Digital methods of making maths exciting

Download the power-points of Who wants to be a Millionaire, Jeopardy and BAAM
<https://drive.google.com/open?id=10VMojy9OJfTJV-GqbbF2orTj9YB4vSUM>

Kahoot.com

Interactive whiteboard Activities

Comparing Percentage to Fractions

<http://www.matematicasdivertidas.com/Zonaflash/juegosflash/fractionpercentage.swf>

Math lines (Bon

<https://www.coolmath-games.com/0-math-lines/10>

Physical Games

Hot and cold clapping – using deduction, problem solving

Fizz Buzz – counting in 3's and 5's

Equations - like maths 24 but with more scope

Blast off – countdown from 30- 1 either 1, 2 or 3 – key numbers

Millionaire – who wants to be a millionaire after a question?

Yes/no/maybe game – working on producing solutions and thinking at the spur of the moment.

Champion of champions

Card Corners – get a pack of cards

Frogs on a chair

<https://nrich.maths.org/1246>

<http://www.openmiddle.com/?fbclid=IwAR2-xzgGRn3DnGJHbYW7tdk9pO9iAXxH6XD-mdHD4HnYY6jUQNgi7pMRV0Y>

Area versus Perimeter

http://phet.colorado.edu/sims/html/area-builder/latest/area-builder_en.html

Exercise and the game

Fraction Comparison App <http://www.iboard.co.uk/iwb/Fraction-Machine-Tool-377>

Symbaloo <http://www.symbaloo.com/mix/lower-school-math-links>

Place value with fun chart <http://www.topmarks.co.uk/Flash.aspx?f=pvchartmoving>

Problem solving with Gears

<http://www.fisme.science.uu.nl/toepassing/en/00725/>

Pinterest for Intermediate phase

<https://www.pinterest.com/liezlwienand/teaching-intermediate-phase-maths/>

<https://www.pinterest.com/KarenAWalstra/lesson-ideas-intermediate-phase-gr-4-5-6/>

<https://www.pinterest.com/klyon/the-art-of-teaching-math-intermediate/>

Fractions War

<http://www.mathfilefoldergames.com/fraction-war/>

LOADS of Fraction Sites

<http://interactivesites+.com/fractions.html>

Place value Millionaire

<http://www.math-play.com/Place-Value-Millionaire/play.swf>

Zooki and probability

<http://www.topmarks.co.uk/Flash.aspx?a=activity23>

Great Site for Maths Games

http://www.fisme.science.uu.nl/publicaties/subsets/rekenweb_en/

3D Shapes - build the blocks and match the shapes

<http://www.fisme.science.uu.nl/toepassing/en/28432/>

Flipping the classroom

EG of Videos that are online

Kahn Academy - <http://www.watchknowlearn.org/Video.aspx?VideoID=16063&CategoryID=646>

<https://edpuzzle.com/>

Local and Global Collaboration

Skype With International Teachers and the google sheet

Use a sheet for Data handling

https://docs.google.com/spreadsheets/d/12C44GAVPMFEpS4sq2NYBUa0T9qxV8Q833XRyHsWA_bk/edit#gid=0

Patterns and Shapes

<http://pbskids.org/cyberchase/math-games/crack-hackers-safe/>

[https://docs.google.com/forms/d/1cELyWrtLem2yRka_nAOoRFskDKZ7yY0D7ThvG5CU3qk/vie
wform](https://docs.google.com/forms/d/1cELyWrtLem2yRka_nAOoRFskDKZ7yY0D7ThvG5CU3qk/vie
wform)

Tech tools

Create a Google form for a class test

Plickers.com

QR codes on a worksheet <https://www.pinterest.com/pin/130182245452677072/>

Resources

[Past Living Maths papers](#)

[Brainteasers for primary learners](#)

[Australian Exams](#)

[High School maths Olympiad papers from around the world \(NEW\)](#)

[Even More High School Maths Olympiad questions \(NEW\)](#)

[Hewlett Packard Maths Olympiads](#)

[Problem of the week](#)

[Brainboosters for kids](#)

[Problem of the week for Primary learners](#)

[Problem of the week for Senior Primary to Middle school](#)

[SA Olympiad for older grades](#)

[Past maths problems](#)

[UNITED KINGDOM OLYMPIADS](#)

[Past AMESA papers](#)

Geoguessr.com

Extras for Problem Solving

<https://www.mangahigh.com/en/games/atangledweb>

<http://www.weareteachers.com/blogs/post/2015/10/27/best-of-teacher-helpline!-9-math-websites-kids-will-love>

<http://worksheets.theteacherscorner.net/make-your-own/brain-teasers/>

<https://docs.google.com/document/d/1hTOOBPb1rP2Entw3h9LJm24apIMvfeNUgYEq7oM5ZqE/edit?usp=sharing>

<https://docs.google.com/document/d/1nus2ygxu79CbDnwUuRAj-Nl8aw4bBWnpio5Jq7ddrf0/edit?usp=sharing>