Will you join in?

World Maths Year 2020

Or maybe 2025? - a possible legacy for this conference

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Galileo’s Muses: Poetry, Painting, Music, Architecture (including Dante’s “Dimensions of Hell”!)

Out of the silo (1): Physical silos
(Get out of the building: build bridges to “Non-standard learning environments”)

- On the buses / On the train (and stations and stops)
- In the home (care-homes, Arclight, Hebden Rise)
- On the street (youngsters, offenders, homeless people)
- Cafes & pubs: beermat(h)s, quizzes, napkins, tablecloths incl. origami
- Sports arenas: MathFests at Leeds United & Manchester City
- Shopping malls
- Car boot sales

Welcome to the Leeds United MathFest

We hope you enjoy your visit today. We have planned lots of interesting activities which will take place in the South Stand and on the track around the pitch area. Your access and exit point for the Stadium is in the South West corner, by the giant screen.

Please remember ……………

DO NOT GO ONTO THE PITCH.

Leeds United thank you for your visit.

Hebden Rise is a day care centre for people with severe learning disabilities they may have low mathematical skills, but their enthusiasm for learning can be very strong.

Our aim is to develop functional skills for use in everyday life. We visit weekly.

Red Rooves is a half way house for the long term mentally ill who are in the process of changing from institutional care to care in the community.
Out of the silo (2): Intellectual silos
( Get out of the box: build bridges to other disciplines & non-disciplines)

• “Maths and X”: \textit{x} member of \{accounting, acupuncture, archaeology, art, .... youth development, zoology, zymology, ...\}

• \textbf{Hobbies & everyday activities} too: (archery, beer, chess, drama, ...gardening, ... \textit{knitting}, ... quilts, ... sport, ... war, xylophones, youth, zebras)

• \textbf{Health & Risk}

• \textbf{Joint activities} e.g. suitable for both numeracy \textit{and} literacy curriculums
An ideal icon for 2020?

Florence Nightingale
(1820-1910)
Amy Johnson – a better icon?

- Less remote for today’s target groups – in time and in social class
- More “mathematical” (engineer/navigation)
- A better role-model? (Hull swimming baths – she stood up for ‘women’s rights’ against her headmaster who called swimming ‘unladylike’)
Gender equity or Social class equity?

- Beat the drum!
- Beat the bigger drum !!!
William Farr - part of the “bigger drum”!

- Son of an agricultural labour
- Contrast to Nightingale who was massively privileged
- A greater statistician than Nightingale – and far more than her “statistical assistant”
- He probably saved more lives too – via public health
WMY2020 legacy - this is important!

- Ideas from Radical Statistics, Full Fact, and MWUK

MathsJam + Radical Statistics = MathsJam World .... ???

MathsJam Centres - Data World

**National network** of local “Discovery Centres” (with outreach):

1. **Hands-on data exploratory/museum**: 'edutainment' from the worlds of science, technology, mathematics, art, music, colour, fun, history, philosophy, politics etc., etc. – all relating to data and information

2. **Social venue and meeting-place** for events with a science or technology flavour

3. **Community resource centre** for local community groups and others who use data in their activities.
Lastly – on BBC World Service yesterday:
From ‘The Jungle’ migrant camp in Calais

Young maths teacher: “I want to go to UK so I can teach mathematics. It’s what I do. It’s beautiful.”

An impossible dream?

Catherine Carr: “Where are you going?” BBC World Service
Do we have a critical mass here at MATRIX along with partners to turn an “impossible dream” into WMY 2020??
Will you join in?

World Maths Year 2020
(and the need for lots more maths t-shirts)

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