MATHSMEET 2022

IMTA - JCT - PDST

SATURDAY OCTOBER 15TH 2022 MAYNOOTH UNIVERSITY



MATHSMEET22



SPECIAL GUEST ANDREW JEFFREY



TEACHER WORKSHOPS

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Beidh roinnt ceardlanna ar fail trí Ghaeilge chomh maith



		PROGRAMME	
а Постана страна	08:30 - 09:15	EXHIBITOR STANDS & REGISTRATION	
	09:15 - 09:30	WELCOME ADDRESS BY HEADS OF IMTA, JCT & PDST	3
	09:30 - 10:15		
	10:15 - 10:45	TEA/COFFEE & EXHIBITOR STANDS	
	10:45 - 11.45	KEYNOTE ADDRESS: MAKING ABSTRACT MATHS MAKE SENSE - ED SOUTHALL	
	11:55 - 12.40	WORKSHOP LINE 2	
	12:50 - 13.35	MATHEMATICS: FINDING THE MAGIC - ANDREW JEFFREY IN ASSOCIATION WITH MATHS WEEK IRELAND	
	13.35 - 14:30	LUNCH & EXHIBITOR STANDS	in.
	[—] 14:30 - 15:15	WORKSHOP LINE 3	
	15:25 - 16:10	WORKSHOP LINE 4	
a . 1	16:20- 16:50	LOCKNOTE ADDRESS - DEPARTMENT OF EDUCATION INSPECTORATE	

16:50-17:00 CONFERENCE CLOSE



To everyone who has contributed to the organisation and running of MathsMeet 2022, to Maths Week Ireland, to our guest speakers, to our teachers, to our exhibitors and to Gráinne and Rachel who organised so much of the day - thank you.

TEACHER WORKSHOPS

LINE 1	LINE 2	FINE 3	LINE 4
smos to Deepen Student ng (JCT Maths Team)	Dealing with Maths Anxiety in the Classroom (Flavia Santos - UCD)	An Overview of Junior Cycle Mathematics for New and Returning Teachers (JCT Maths Team)	Mathematical Tasks and Strands of Mathematical Proficiency (Sinead Breen - DCU)
cht a dhéanamh ar éileamh h tascanna matamaitice ireann Mata JCT)	Evaluating the Cognitive Demands of Mathematical Tasks (JCT Maths Team)	Forbhreathnú ar an Matamaitic don Sraith Shóisearach do mhúinteoirí nua B comhairimh (Foireann Mata JCT)	Practical examples of using historical sources in the teaching of TY Maths (Ciarán Mac an Bhaird - NUIM)
ng Numeracy across the (Kathy O'Sullivan - NUIG)	Addressing student challenges in Trigonometry (PDST Maths Team)	LCA Maths Applications (PDST Maths Team)	Inferential Statistics for LC HL (Eoghan O'Leary)
TIMSS tell us about maths and learning in Ireland? inne McHugh - ERC)	The Importance of Reflecting on Errors (Aoife O'Brien - GMIT)	Task Design (Diarmaid Hyland - DCU)	Using Excel in Maths class)Pam O'Brien - TUS)
g to teach Maths (Majella empsey - NUIM)	Maths, Murder & Modelling; Making Connections through Forensics (Shannon Ahern)	State Exam paper archives - some highlights (David Malone - NUIM)	Transitions from Primary to Post-Primary (PDST Maths Team)
etry - visualising 2D shapes DST Maths Team)	Using Bridge21 model for CBA2 (Aibhin Bray - TCD)	PHATT Maths experiences; a guide for engagement (Sean McWeeney)	Connecting Applied Maths and Maths (PDST Maths Team)
lumeracy on a whole-school (PDST Maths Team)	CODAP as a Tool for teaching and Learning in Mathematics (JCT Maths Team)	Financial Maths - an application of sequences and series (PDST Maths Team)	Question Posing and Problem Formulatior (JCT Maths Team)
adratic Equations: A lesson (Sean McWeeney)	GeoGebra for problem solving (PDST Maths Team)	Data Analytics as a career (Fiona Lawless - DKIT)	Hands-on learning in Algebra (PDST Maths Team)
ative Reasoning Tasks (Ann)'Shea - NUIM)		Building confidence in Inferential Statistics (PDST Maths Team)	Using Desmos in your Maths Classroom (Catherine Sweeney)

MATHSMEET 2022

ED SOUTHALL Ed Southall has worke Department, senior le

Maths Weel

reland

Ed Southall has worked in education as a lead teacher, Head of Department, senior leader, and advisor for 17 years in the UK and the Middle East. He is the author of 4 mathematics books including the best selling pedagogy subject knowledge book "Yes, But Why? Teaching for Understanding in Mathematics", and most recently, "Geometry Juniors". Ed is also a senior member of the Mathematical Association and a popular presence on twitter amongst Mathematics teachers. Ed's keynote will explore approaches to making Mathsmake sense, the value of putting the time into doing so and the challenge of doing so while balancing students' cognitive load.

ANDREW JEFFREY

Andrew is a former Vice Principal and Maths teacher, who currently runs Maths Week England. He has been coming to Maths Week Ireland since it first began, and has worked with thousands of students and teachers here and abroad. For a long time Andrew kept his twin careers as a teacher and a magician separate, but one day that all changed when he realised that they complemented each other perfectly. In this presentation, Andrew will talk through some of the more creative ways he found to engage secondary students with mathematics. You will come away from the session armed with some powerful resources to engage even the most cynical of pupils. Andrew's presence at MathsMeet 2022 is thanks to our colleagues at MathsWeek Ireland.

MATHS WEEK IRELAND 2022

MathsMeet 22 is timed to coincide with the start of Maths Week. The idea for Maths Week originated in 2005 with Sheila Donegan and Eoin Gill, directors of Calmast STEM Outreach Centre at Waterford Institute of Technology with the aim of developing positive attitudes towards Maths. Since then, Maths Week has grown to attract participation from as many as 400,000 people annually across the island of Ireland. Maths Week Ireland has won many awards and gained widespread recognition at home and abroad.

15th - 23rd Oct

HELP US TO GROW CHILDRENS' LOVE OF MATHS SIGN YOUR SCHOOL UP FOR MATHS WEEK <u>WWW.MATHSWEEK.IE</u>

MATHSMEET 2022

PLANNING YOUR TRIP

MathsMeet 2022 will take place in the T.S.I building, on the north campus of Maynooth University (building 30 on the map below). Free parking will be available all day on Saturday 15th (marked as 14 on the map below).



FREE TEACHING & LEARNING RESOURCES

Conference attendees will receive a conference bag. As you go around the conference, feel free to fill your bag with free teaching and learning resources. Tea, coffee and pastries will be served during the morning break and a hot meal will be served at lunchtime. All attendees will receive a certificate of attendance for their CPD records.



