Mathematics For Change Workshop

From Real-World Challenges to Meaningful Mathematics

Live Interactive Workshop for Mathematics Teachers
Duration: 90 minutes
Format: Online, live and interactive (in English)
Participation Fee: USD 44 per teacher
Includes: 30-day access to one complete Mathematics For Change lesson

About the Workshop

What if mathematics could help students understand and investigate some of the world's most pressing challenges?

Join this interactive, hands-on workshop to discover **Mathematics For Change (M4C)**, a ready-to-teach digital platform that connects secondary mathematics to real-world challenges and the United Nations Sustainable Development Goals (SDGs).

During the workshop, you will explore a complete mathematics lesson, experience interactive teaching resources, discover AI-powered student assessments and learn how to use the Teacher Dashboard.

We will also share **exclusive insights and practical lessons learned from our international pilot programme**, exploring what worked in real classrooms and how these findings can inform your own teaching practice.

The Lesson You'll Explore

Are Electric Cars Really Cleaner?

Grade level: Grade 9 (two 60-minute lessons)

Mathematical Focus: Mathematical modelling, linear equations & inequalities, speed–time graphs

Real-World Challenge: Comparing the environmental impact of electric and gasoline vehicles

SDGs: 11 – Sustainable Cities and Communities | 13 – Climate Action

Are electric cars always better for the environment than gasoline cars? Through mathematical modelling, collaborative activities and evidence-based discussions, students

explore how mathematics can help answer complex environmental questions. No prior knowledge of electric vehicles, emissions or sustainability is required.

Curriculum alignment is available for IB MYP, Cambridge IGCSE, UK GCSE, Australian Curriculum, US Common Core and India CBSE.

Workshop Programme

Part 1 | Discover Mathematics For Change (15 minutes)

- The vision and educational approach behind Mathematics For Change
- Connecting curriculum mathematics with real-world challenges and sustainability
- Key findings from the international pilot programme

Part 2 | Explore a Complete M4C Lesson (30 minutes)

- Step-by-step exploration of a ready-to-teach lesson
- Mathematical content, interactive activities and real-world applications
- Videos, guided discussions and opportunities for student reflection
- Teacher guidance and curriculum alignment

Part 3 | Experience the Digital Tools (15 minutes)

- How the pre- and post-assessments work
- Exploring AI-generated feedback on student responses
- Understanding the Teacher Dashboard and tracking student progress
- Practical tips for classroom implementation

Part 4 | Hands-On Experience (15 minutes)

- Explore the platform from a teacher's perspective
- Navigate the lesson as you would in your classroom
- Prepare your first lesson with your students

Part 5 | Your Classroom Access & Q&A (15 minutes)

- How to activate your personal lesson access
- Guidance on implementing the lesson in your classroom
- Questions and discussion

What Is Included?

Your registration includes:

- A 90-minute live, interactive professional development workshop
- Guided exploration of one complete Mathematics For Change lesson
- 30-day access to the same lesson, including its teaching resources, digital assessments, AI-powered feedback and Teacher Dashboard
- The opportunity to implement the lesson with your own students
- Flexible activation: your 30-day access can begin on a date of your choice, within 90 days of the workshop
- No student accounts needed: students join with a code provided by their teacher
- Certificate of attendance for your professional development records

Who Is This Workshop For?

Secondary mathematics teachers, curriculum coordinators and school leaders interested in connecting mathematics to real-world challenges, sustainability and meaningful classroom applications.
No previous experience with Mathematics For Change is required.

Registration

Workshop Fee: USD 44 per teacher
Dates and times: Multiple sessions available. Times are shown in CET (UTC+1).
What you need: A computer with a stable internet connection.
Places are limited to support an interactive learning experience.

Register here: www.mathematicsforchange.com/individualteacherworkshopform