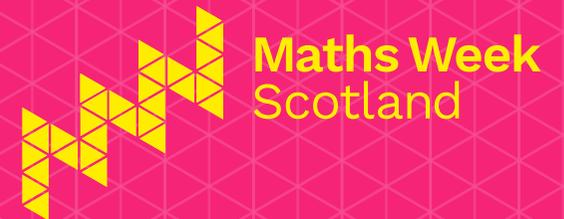


**#ShowYourWorking**

**Getting involved**



# Introduction

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In the run up to and during Maths Week Scotland 2022 (**26 September - 2 October**), we're asking people across the workforce in all industries to help show that maths is indeed everywhere and highlight the importance of maths in **all** careers - maths isn't just for accountants after all!

The theme for Maths Week Scotland 2022 is '**Beauty of Maths**' and we will be exploring the beauty and creativity in the world of maths, and the maths underlying art and music, as well as continuing to find the maths in the world around us.

This pack details the aims and objectives of the **#ShowYourWorking** Twitter campaign and provides useful resources to support your involvement.

#ShowYourWorking - Getting involved



# Why are we doing this?

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**#ShowYourWorking** aims to highlight the importance of maths across the entire workforce by showcasing real-life examples of how elements of the maths we learn at school are used in practice.

By opening this up to professionals all over Scotland, we can provide inspiring, real-world examples of maths in the workforce – challenging young people’s misconception that their use of maths ends at the point they finish their exam.

We aim to provide a collection of realistic examples **from all industries** for educators to be able to reference when encouraging pupils to contextualise the importance of the key maths skills they are learning at school.

#ShowYourWorking - Getting involved

**Maths isn't just  
used in STEM  
industries!**

We're keen to hear  
from the arts and  
public-facing roles.  
How do you use  
maths in your job?



# Getting involved

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## Industry professionals/STEM Ambassadors

- 1** Think about examples of how maths is used in your industry. Bonus points for examples that will be a surprise to others!
- 2** Tweet your examples in the run up to and during Maths Week Scotland. Video? Photo? Animation? You decide! Don't forget to use **#MathsWeekScot** and **#ShowYourWorking**.
- 3** Nominate a colleague to do the same and help make sure all industries are represented as part of Maths Week Scotland 2022.



Not on social media? No problem! Email your examples to **info@mathsweek.scot** and we'll share on your behalf.

**We'll be highlighting some of our favourite examples.  
The less obvious the better!**

# Getting involved (continued)

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## Teachers and Educators

In the run up to Maths Week Scotland 2022, follow **#ShowYourWorking** on Twitter for examples you can bring to the classroom or find inspiration for your Maths Week Scotland activity.

## Supporters

Using the resources provided, help us reach as many people as possible and encourage their involvement in **#ShowYourWorking**. Share this campaign pack within your organisation and the organisations you work with, encourage staff to get involved and spread the word on social media. We'd also love to hear your favourite applications of maths in the working environment.

#ShowYourWorking - Getting involved



# Resources

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Please see a range of resources to support your campaign activity via the links below.

**Take part and #ShowYourWorking**

[Click here](#)

**Teachers and Educators**

[Click here](#)

**Supporters**

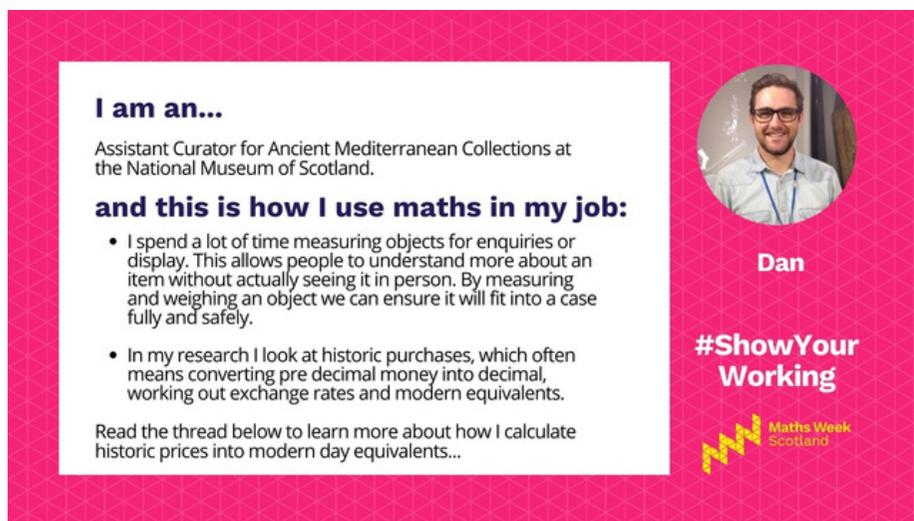
[Click here](#)

#ShowYourWorking - Getting involved



# Previous examples

[See more examples in our blog post from last year](#)



**I am an...**  
Assistant Curator for Ancient Mediterranean Collections at the National Museum of Scotland.

**and this is how I use maths in my job:**

- I spend a lot of time measuring objects for enquiries or display. This allows people to understand more about an item without actually seeing it in person. By measuring and weighing an object we can ensure it will fit into a case fully and safely.
- In my research I look at historic purchases, which often means converting pre decimal money into decimal, working out exchange rates and modern equivalents.

Read the thread below to learn more about how I calculate historic prices into modern day equivalents...

**Dan**

**#ShowYourWorking**

Maths Week Scotland

Dan from National Museums Scotland tells us how maths is used in his work as a curator.



**Team GB's Eilish McColgan got involved** and told us about the role that maths plays in her job as a professional sportsperson.



Port Ellen Primary looked at the maths in local industries on the island. Here they found out about the importance of maths in distilleries.

The Great British Bake Off 2020 winner Peter Sawkins **shared a great example of maths being used in baking.** Being able to calculate volume is very useful when it comes to getting the size right for the perfect wedding cake!

**I am a...**  
National Numeracy Ambassador, Baker and Student

**and this is how I use maths in my job:**

Studying Accountancy and Finance at university means I use a lot of maths to track the amount of money a business or person has and ensure they're paying taxes correctly.

When I am baking, I also use maths to;

- work out weights of ingredients needed for new recipes
- set oven temperatures
- record the time of a bake
- use ratios to scale a recipe up or down

Watch the video below to learn more about my use of maths when baking...



Peter

#ShowYourWorking



**I am the...**  
Scottish Government Minister for Children and Young People

**and this is how I use maths in my job:**

Maths helps me

- identify the inequalities and challenges that affect children and young people
- understand statistical trends and analyse what is happening underneath them
- manage forecasting and budgeting
- manage my time and the various pressures on it!



Claire Haughey

#ShowYourWorking



Scottish Government Minister for Children and Young People Claire Haughey MSP explained how maths helps her with time management, budget calculation and to identify the inequalities and challenges that affect children and young people.

# Beyond #ShowYourWorking

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## **Maths Week Scotland 2022 (26 September - 2 October)**

Continue the conversation around maths during Maths Week Scotland and get your school or workplace involved in highlighting the importance of maths.

[Click here to find out more](#)

## **Become a STEM Ambassador**

STEM Ambassadors are volunteers who bring STEM subjects to life by engaging with young people in and out of the classroom. There is no particular experience or background required to become a STEM Ambassador.

[Click here to find out more](#)



# Beyond #ShowYourWorking

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## Take the National Numeracy Challenge

We all use maths in every aspect of our lives at work and in practical everyday activities at home. Good numeracy skills are essential to help us get on at work, to give us confidence in our roles or to help us access career progression pathways or promotions. However, many of us are being held back because we feel anxious about maths.

Consider how you feel about maths and check your current numeracy skills.

[Click here to take the challenge](#)



#ShowYourWorking - Getting involved



# Contact

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For any questions or further information about #ShowYourWorking or your wider Maths Week Scotland 2022 activity, please contact **info@mathsweek.scot**.

You can also find us on Facebook and Twitter **@MathsWeekScot**.

#ShowYourWorking - Getting involved

