



This resource is part of a suite of materials and activities created to inspire entrants, and support teachers, and parents to enter *maths inside*: a photo competition open to everyone in Scotland.
maths inside: see different, make connections, celebrate!

Maths inside seeks to nourish a love for mathematics by providing a framework to embark on a journey of discovery through a creative lens. Fuelled by curiosity and critical thinking, participants explore the network of mathematical ideas all around us. Capturing their insights in a photo, title and commentary to be enjoyed and celebrated

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what is this?

This is suite of materials and activities, created to inspire entrants, and support teachers, and parents to enter *maths inside*: a photo competition open to everyone in Scotland. There are three parts to this suite

1. [image banks](#) containing images and questions to inspire interdisciplinary investigation and learning
2. [example journeys](#) towards an entry to the competition (which also provide possible answers to the questions posed in the image banks!)
3. example interdisciplinary learning (IDL) activities based on CfE experiences and outcomes (Es+Os)

image bank activities

Looking for a lesson starter, or something to spark off a conversation during registration?

- [Image Bank 1](#) — Early Years to Fourth Level (Pre-school–S3)
- [Image Bank 2](#) — Senior Phase (S4–S6)

example journeys & IDL activities

Click on the links below, to find examples documenting submission journeys, each targeted at a [entry level](#), and complemented by interdisciplinary learning (IDL) activities linked to CfE experiences and outcomes (Es+Os)

- [Matching](#) — Early Years
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Measuring Trees with Hugs](#) — Early Years
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Colour Wheel](#) — First Level (P2–P4)
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Goal?](#) — Second Level (P5–P7)
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Chances in Camping](#) — Third/Fourth Level (S1–S3)
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Packing Pebbles](#) — Third/Fourth Level (S1–S3)
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Shoelace Combinations](#) — Third/Fourth Level (S1–S3)
 - [IDL activity with Es+Os](#)
 - [displayed final submission](#)
- [Storm in a Teacup](#) — Senior Phase (S4–S6)
 - [displayed final submission](#)
- [Travel Constraints](#) — Senior Phase (S4–S6)

Please share your tips, ideas and activities — [contact us](#) via our [online form](#) and through our [social media channels](#)

Take a look too at our [past winners](#) and [other resources](#). Already inspired? [Enter the competition!](#)

credits

This [suite of resources](#) are the fruit of a collaborative project between undergraduate and postgraduate students from the [University of Glasgow — School of Mathematics & Statistics](#), [Education Scotland](#), and [Dr Andrew Wilson](#) (*maths inside* Founder and Director).

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