

MA313/MA335 Communication skills

How this works

- ▶ If you take both **MA313** and **MA335**, then your task is to write a short (2–3 pages) essay and to give a 10 minute presentation.
- ▶ If you only take one of these modules, just write an essay.
- ▶ Essay deadline: end of week 11 (TBC).
- ▶ Presentations: week 12 (TBC).
- ▶ We'll provide further details later during the semester.

Topics

- ▶ We provide a list of possible topics.
- ▶ You may express preferences but we cannot guarantee that we'll be able to accommodate these.
- ▶ Please send an email to one of us which states
 - ▶ your first choice of a topic,
 - ▶ (optional:) your second choice, and
 - ▶ (optional:) a topic that you don't want under any circumstances

by **Wednesday, 9 October.**

Possible topics: mathematicians

- ▶ Niels Henrik Abel
- ▶ Emily Anderson
- ▶ George Boole
- ▶ Paul Erdős
- ▶ Évariste Galois
- ▶ William Rowan Hamilton
- ▶ Emmy Noether
- ▶ Srinivasa Ramanujan
- ▶ George Stokes
- ▶ Sheila Tinney

Other possible topics

- ▶ Platonic solids
- ▶ Fermat's last theorem
- ▶ Formalism vs intuitionism: the Brouwer-Hilbert controversy
- ▶ Theories and problem-solving: two cultures of mathematics

Here as he walked by
on the 10th of October 1843
St William Rowan Hamilton
in a flash of genius discovered
the fundamental formula for
quaternions multiplication
 $i^2 = j^2 = k^2 = -1$
Scritto on a stone of this bridge

Handwritten graffiti on the stone wall, including a large white scribble and red markings.

