

## Background

In 1995 JMC and the Royal Society published a [report on the Teaching and Learning of Algebra pre 19](#). This report was the result of a working group that examined the then research and identified 11 “key conclusions”.

In light of the recent Curriculum and Assessment Review and the likely changes to the mathematics curriculum, this seems to be an ideal time to present an updated view of the Teaching and Learning of Algebra within the current educational and technological landscape.

## The project

The Trustees of the Joint Mathematical Council are seeking expressions of interest to undertake a piece of work that will:

1. Consider each of the 11 “key conclusions” in light of the following (as relevant to each point):

- (a) current reviews of research (eg the 2024 Springer Handbook, ZDM 54(6), and other review articles)
- (b) the 2014 curriculum;
- (c) the proposals for the new curriculum.

2. Consider the role that technologies are now playing in the current teaching and learning of algebra.

We require a report of approximately 5000 words (excluding references), including an executive summary, relevant for both curriculum designers and schools in the UK. The report needs to stand alone, while taking the earlier report as its basis. We hope the new report will include updated conclusions and recommendations, based on developments in algebra research and practice since 1997.

The successful bidder will agree a delivery timeline with the JMC Trustees at the outset of the project and will engage in a progress review in the middle of the process. We expect the work to be completed by 30 April 2026.

It is estimated that this is around 10 days’ work and a fee of up to £5000 is available.

Expressions of interest in the form of a short **CV and a 2-page statement setting out initial thoughts on the proposed approach and likely timeline** should be submitted to the Secretary of the JMC ([secretary@jmc.org.uk](mailto:secretary@jmc.org.uk)) by 23:59h on Friday 30<sup>th</sup> January 2026. Outcomes will be communicated to applicants by Monday 9<sup>th</sup> February 2026.