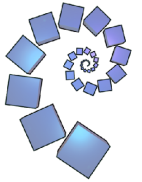


# NRICH: mathematics for all



**NRICH provides thousands of free online resources for ages 3 to 18, supporting rich, imaginative mathematics education for all.**

NRICH resources cover all stages of early years, primary and secondary school education. Our resources are freely available online and open to everyone ([nrich.maths.org](http://nrich.maths.org)).

NRICH's activities focus on developing problem solving. Our rich mathematical tasks build students' perseverance, mathematical reasoning, ability to apply knowledge creatively in unfamiliar contexts, and confidence in tackling new challenges. 'Low threshold, high ceiling' resources are designed to be accessible to all learners, encouraging exploration and discussion. 'Live' problems offer opportunities for students to share their solutions for publication on the site.

Face-to-face workshops, webinars, conferences and bespoke training days enhance teachers' professional knowledge. Mapping NRICH resources to the curriculum, and support and guidance suggestions on 'scaffolding' NRICH problems, enables teachers to embed engaging, creative, rich mathematics in the reality of the classroom.

NRICH is an innovative collaboration between the Faculties of Mathematics and Education at the University of Cambridge. Our philosophy is grounded in education research, providing a strong foundation for effective impact. The NRICH content development and PD team are all qualified teachers, and we work in partnership with teachers, schools and educational settings to ensure that our resources and advice offer practical, robust and effective support for everyday practice.

NRICH actively contributes to mathematics education discussion and debate, shaping the future through dialogue with policy makers and the mathematical community.

