

(IM²C) international mathematical modeling challenge

An opportunity for senior secondary students to work as part of a team to solve a genuine, real-world problem using mathematics.

8 March – 30 March 2021

Open to all Australian schools, the International Mathematical Modeling Challenge (IM²C) exists to support the real-world application of learning, build proficiency, encourage collaboration, and challenge students to use mathematics to make a real difference to the world around them.

Operating in teams, comprising up to four students from the same school, the IM²C challenges students around the world to work together to solve a common real-world problem by devising and applying an original mathematical model.

By mobilising students in teams, the IM²C replicates real-world conditions, requiring proficiency in mathematics alongside collaboration and contributions from different skill sets, perspectives and methods to achieve overall success.

Working together under the supervision of a team advisor (usually a teacher) for up to five consecutive days between 8 March and 30 March 2021, teams will unpack the given problem, hypothesise, test, and develop a working solution, before preparing and submitting a report on their solution to the Australian judging panel.

Two teams will be chosen to represent Australia in the International phase of the competition, with their solutions competing against others from countries around the world.

For further information and to register, please visit
www.immchallenge.org.au

