

F1 in Schools

Do you want to explore the engineering field?

Are you someone who likes designing products in CAD?

F1 in Schools provides students with the opportunity to learn about engineering principles such as physics, aerodynamics, design, manufacture, as well as leadership/teamwork operations, media skills and project management. F1 in Schools is an international STEM (Science, Technology, Engineering, Mathematics) competition, in which students work in groups to design a miniature automobile using CAD/CAM design tools.

Students will develop their skills in project planning, development and management, resource procurement, graphic design and product manufacture. Students collaborate in an innovative environment where they work on real world projects and deepen their understanding of sustainable approaches to future design and technology processes. The F1 in Schools course expects students to work collaboratively towards a common goal and strengthen their time and resource management skills.

Success in this course can lead to state, national and global F1 in school competitions.

Assessment

Folio (written and practical tasks)
Investigations

Subject Length

1 semester

Additional Information

N/A