



STEM TERM 1 2026

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What is STEM?

STEM is an approach to learning and development that brings together the subjects of Science, Technology, Engineering and Mathematics. Students apply maths and science concepts to engineering problems by using technology and the design process. On student reports, STEM is assessed under Design and Technologies.

This term, students across Years 3-6 are learning how designers think and work. They will take part in a series of short design challenges using paper and cardboard. These challenges are inspired by Winter Olympic sports, such as ski jumps and bobsleds. Students will practise planning before building, testing their ideas, and improving their designs based on what they learn. The focus is on having a go and learning from mistakes.

Years 3-4

Students will learn the basics of the design process, including understanding a problem, planning ideas, building, testing, and making improvements. The emphasis is on having a go and building confidence as a designer.

Years 5-6

students will build on their understanding of the design process by working with greater independence. They will analyse problems, test their designs, and explain why they make changes. The focus is on the process, rather than creating a perfect final product.