

STEM TERM 3 2026

Paula Gaughan



This term, students will build on their understanding of space exploration by investigating how humans will live and work beyond Earth. Through Design and Technologies challenges inspired by the Artemis missions, students will explore how spacecraft land, how astronauts return safely to Earth and how food is grown in space. They will apply the design process to develop and refine solutions while strengthening creativity, collaboration, critical thinking and communication.

Years 3–4

Students will extend their understanding of space exploration through hands-on design challenges. Students will design and test Moon and Mars landers, parachutes and greenhouse structures while using the design process to create, improve and share their solutions.

Years 5–6

Years 5–6 students will investigate the engineering challenges of future space exploration. Students will design, test and refine landers, parachutes and greenhouse structures while using scientific knowledge to justify design decisions and improve their solutions. The term concludes by exploring future Artemis missions and the next era of space exploration.

National Science Week Seeds of Science

During National Science Week, students will investigate what plants need to grow and explore how astronauts might grow food on the Moon and Mars. Students will also improve our school garden and plant seeds suited to Melbourne's winter conditions, developing an understanding of sustainability and the importance of plants on Earth and in space.



**NATIONAL SCIENCE
WEEK
17TH - 21ST AUGUST**

