

The Museum of Unnatural History Mechanica project for Stage 3

Students in Stage 3 have been actively engaged in a STEM project based around the text 'Mechanica' by Lance Balchin.

The students were involved in creating their own Mechanica that they showcased in The Museum of Unnatural History. This event was held on Grandparent's Day and provided the students with an authentic audience, which included the wider school community and dignitaries.

To achieve this task, students employed the Stanford Design Process. They used sustainable materials and technological resources such as Little Bits and Hummingbirds.

Students demonstrated greater engagement and collaboration. They documented their achievements using the SeeSaw online journal.

	Science Outcomes		Assessment
Semester 1	Living World	ST3-4LW-S	Animal website activities
	Working Scientifically	ST3-1WS-S	Mechanica Field Guide
	Design and Production	ST3-2DP-T	Robotic Mechanica Model
Semester 2	Material World	ST3-7MW-T	
	Working Scientifically	ST3-1WS-S	
	Design and Production	ST3-2DP-T	Robot to assist in everyday student's life: create a robot that serves a purpose in the student's personal life or the students will create an automated task to assist in everyday life. The students must use sustainable products.

Statement of impact

Through the Museum of Unnatural History, Mechanica Project, students were introduced to STEM activities in the classroom. The project involved innovative learning and student enthusiasm in STEM lessons. This resulted in effective and improved practice that provided optimum learning outcomes.

Belrose Public School is working towards authentic project-based learning across the whole school. It is also expected that there will be more community involvement, including interested professionals.

For more information

Sharon Killick | Belrose Public School

E Sharon.killick@det.nsw.edu.au



THE UNIVERSITY OF
SYDNEY