Summary of learning F-2

This information is provided in lieu of a standard year level band overview.

Level	F-2	Title / theme	Robot design (in collaboration with STEMPunks)

Summary

We started this program with students thinking about a robot design, who it would be for and what its purpose or function would be. We were exposing the students to having empathy for the end user.

The students then created a plan in their scrapbooks of their robot, what it would look like including the use of labelling.

The next stage was the physical creation of their robot using materials such as cardboard, paper, cellophane, pipe cleaners and other craft materials. They learnt to problem solve and convert from a drawn plan to a 3D model. Finally, students then used FlipGrid (Interactive Video Tool) to explain the purpose of their robot and who it was for. This was then printed out on a QR code for family and friends to hear and interact with.

Strands connected ☒ Digital Systems   ☐ Data and information   ☒ Creating digital solutions