



Digital Technologies

PrimeSCI! have launched two new cross-curriculum Digital Technologies / Science incursions, complementing our existing **Introduction to Robotics** (Prep to Year 2), **Electrical Circuits** (Years 5 - 6) and **Renewable Energy** (Years 5 - 6) lessons.

All lessons will be modified to suit your students' coding experience (including offline beginners, visual programming, or text programming). Teachers will be supported in preparing for the PrimeSCI! incursion by our experienced staff.

Introduction to Robotics (Prep - Year 2)

Robots are performing more and more tasks to help humans. Learn about communicating with robots, giving instructions and programming, as you use the Bee Bots and/or Edison Robots to complete different challenges on your classroom floor.

Edison Space Code Quest (Prep - Year 6)

Head into space with the little Edison robots! Hear about current space research and exploration (Science), while using coding appropriate to your class level (Digital Technologies), in this space-focused robotics lesson. Students will work in small groups to navigate Martian landscapes and complete robot challenges. Requires class set of laptops/iPads with internet access to be provided by school. Note - beginners can be taught offline (similar to Introduction to Robotics lesson).

Micro:bit Disaster Alert! (Year 5 - 6)

Digital technology can be used to alert us to natural disasters like earthquakes and heatwaves. Use Micro:bit minicomputers to monitor and transmit information about destructive forces of nature, as simulated in your classroom. Requires class set of laptops with internet access to be provided by school.

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