

Pre-Application Information

Introduction

Our kids need to be critical thinkers and innovators to meet the social, environmental and economic challenges of the future. To learn these skills, they need the right equipment and resources at school. The Genesis School-gen Trust aims to support schools by providing this equipment to grow their understanding and interest in STEM (science, technology, engineering and maths).

The Genesis School-gen Trust provides:

- equipment (software / hardware) that supports the teaching of the Ministry of Education's Curriculum and encourages students to become engaged in science, technology, engineering and maths subjects.
- solar panels and monitoring equipment to schools to enable students to learn about renewable energy and energy efficiency by seeing in real time how much solar energy is produced via the panels.

The Genesis School-gen Trust welcomes applications from any New Zealand primary, intermediate or secondary school. Before completing the on-line application form, please review this pre-application information carefully.

If you have any questions please refer to the [FAQ section](#) of the Genesis School-gen Trust website or alternatively email the Trust Administrator on info@genesisschoolgentrust.org.nz.

Application round dates and review process...

The June 2021 application round opens on **Monday 14 June 2021** and all applications must be received by 5pm on **Friday 9 July 2021**.

You'll receive an automated confirmation of your application once submitted. The Trust administrator will contact a school only if required such as if an application is incomplete or requires further information.

Once the application round closes, all applications will be reviewed, and the Trustees will make their decisions as to the allocation of the available funding.

All applicants will be notified of the results either by phone or email by **8 September 2021**.

When completing the application form remember ...

- 1) The questions in the application form are designed to provide information on how your school is encouraging students to engage in science, technology, engineering and maths, what the issues / challenges are and what you are doing to overcome these.

- 2) The Trustees want to understand how you plan to use the equipment to support students develop computational thinking skills and, in relation to digital technology, develop the capacity to design quality, fit-for-purpose digital solutions.
- 3) Please note that schools opting for the solar package must also provide full responses to questions relating to STEM learning as the primary purpose of the solar package is around engaging students in the learning that can be achieved through it.
- 4) Responses to each of the questions is **restricted to 250 words**. This must be strictly adhered to and any words over this will be disregarded.
- 5) All applications will be assessed on (but not limited to) the following criteria: -
 - a. **Need** - the challenges you are facing in teaching STEM
 - b. **Desire / passion** – to engage your students in STEM learning
 - c. **Potential** - for growing STEM learning based on how you have outlined your thinking around moving forward in this area.

What can you apply for?

You can select one equipment package from any of the five package categories listed below. The Trust does not offer cash funding and all equipment will be purchased by the Trust and supplied directly to the school.

Package A – Coding & Robotics

- First Steps Coding
- First Steps Coding LEGO Education
- Coding Detectives
- Coding Detectives LEGO Education
- Next Level Coding
- Next Level Coding LEGO Education
- Advanced Coding & Robotics

Package B – Science & Engineering

- Creokit We are Scientists
- Creokit We are Engineers
- Creokit We are Coders

Package C – Makerspace & Design

- Design and Cut
- Design and Print

Package D – Windows Laptop, Chromebook, iPad

- iPads (x9*) or
 - Laptops (x9*) or
 - Chromebooks (x13*)
- *Note: Quantities are approximate only and subject to device availability

Package E – Solar/monitoring bundle

The solar pack consists of a solar array, monitoring equipment, installation and connection into the School-gen Solar programme. Students can visit the School-gen site to see how much electricity the solar panels generate for their school and other solar schools. Teachers can also access [solar related resources](#) and use the data collected from the school's solar array.

Learn more about the [School-gen Solar programme on our website](#).