Beachlands School Technology Teacher Job Description Overview

Within our NZ Technology Curriculum there are five technological areas provide contexts for learning: Designing and developing materials outcomes. Designing and developing processed outcomes. Design and visual communication. Computational thinking for digital technologies and designing and developing digital outcomes.

Technology teachers enable students to have success in practical subjects such as Hard Materials, Food & Nutrition Technology, Digital, Visual and Communications Technology programmes. Overall, students experience and develop the following skills and knowledge.

a) The application of the Technological Process to all aspects of problem solving for a specified outcome.
b) The importance of exploring Technologies for possible use in design development.
c) The safe use and appropriate selection and application of hand tools, machines and processes to practically realise an idea.
d) The appropriate selection, use and application of paint and associated finishing to a product.
e) The importance of critically evaluating ideas and outcomes to review decisions and progress made, in relation to a specified solution.

Tasks & Duties

Our Technology teachers will:

- prepare and present lessons using specialised equipment.

- help decide what parts of the NZ Technology curriculum the school will teach.

- teach students about techniques and materials used in lessons, and the historical and cultural aspects of a subject where applicable.

- develop, assess and write reports on students' progress, including student self assessment against the criteria.

- perform duties around the school.

- meet with parents, whānau or caregivers within the annual reporting cycle of the school.

- attend meetings with other teachers.

- budget for and order materials.

- carry out maintenance work on equipment.

Specialisations

Our Technology teachers will specialise in some or all of the following technology areas:

- electronics and control technology

- food technology

- information and communication technology

- materials technology

- product and process technology

- structures and mechanisms

Skills & knowledge

Our technology teacher will need to have:

- teaching skills, and knowledge of teaching methods and learning styles.

- knowledge of, and skills in, the area of technology.

- curriculum assessment and planning skills.

- good communication skills and the ability to relate well to students.

- classroom management skills, including an understanding of behaviour management.

- skill in evaluating student progress.

- knowledge of school rules and procedures, including safety and emergency procedures.

- organisational and problem-solving skills.

- computer skills.