

COMPETITION RULES

- Competitors are limited to students from the Nelson Tasman area currently studying in ECE to year 13.
- Construction must be durable with movable parts firmly attached and safe.
- Any exhibitor requiring mains electricity must provide a suitable cord 5 metres long and a 3-pin plug, which must be constructed to comply with standard electrical safety laws. Exhibitors using mains electricity are recommended to use a suitable isolating transformer, or a current limiting device, to supply power to their exhibit. These devices give an extra margin of safety. Where 100 volts or more are used, all wiring, switches, metal parts etc., must be completely enclosed by barriers to prevent any possibility of an observer being able to receive an electric shock. Projects using voltages above 100 volts must be plainly labelled with a conspicuous sign stating the highest voltage being used. Such projects must be safe at all times and, if necessary, locked when unattended.
- Any radio transmitter in working order must comply with Radio Regulations and be licensed by the Radio Frequency Service (Write to Ministry of Commerce, PO Box 31433, L. Hutt Phone 566-5537).
- Displays using devices are accepted, but it will be the responsibility of the student to have them fully charged and a backup on paper in case there are technical difficulties.
- Nails, tacks etc. must not be used for securing wires, but proper insulators must be used.
- Explosives must not be used, and dangerous chemicals (including strong acids) are not to be used in the exhibit without the consent of the Fair Committee. This must be obtained in writing, at least one month before the Fair.
- Heating elements must be mounted on suitable non-combustible supports so that there is no possibility of a fire starting in the exhibit.
- No direct water supply is available. All exhibits using liquids of any kinds must be leak proof or stand in a leak proof tray
- No direct gas supply is available. An exhibitor desiring to use gas should seek permission from the Fair Committee to use any arrangement for supply of gas (eg; cylinders). Gas is to be supplied by the exhibitor.
- Biological experiments should conform with health and safety guidelines (refer to Ministry of Education Safety and Science)
- It is the responsibility of exhibitors to see that the areas immediately surrounding their exhibit, and where the exhibit stands, are kept clean and dry at all times.
- There are strict rules about the way any live animal may be used in a Science Fair project. Advice from your school and committee should be sought before proceeding with an experiment involving animals (see ethics). If a project has conducted unethical research on an animal it will be disqualified.
- We are not responsible for any damage or loss of any equipment or display.
- The Committee reserves the right (a) not to display any exhibit, and (b) to withhold any prizes for which the judges consider an adequate standard has not been reached.
- The Committee's decision in all matters is final.