



PROJECT DISPLAY GUIDELINES

Students must adhere to all display guidelines provided in this Manual. If the Middle School State Safety Review Committee considers the presence or operation of any equipment or material to be dangerous or unsafe, it shall have the right to prohibit the presence or operation of such equipment or material. Exhibitors may demonstrate the safe use of materials through photographs, videotapes, charts, diagrams and other simulations.

All Science Fair participants must adhere to the safety aspects of their projects as follows:

- Projects must fit into a 40" x 26" table space.** Wall space for posters is not available. Students must design their exhibits so that all posters, charts and displays are free standing.
Due to the popularity of projects needing electricity, these projects will get less than 40" depending on amount of projects
- No laser pointers allowed.
- Glass is prohibited from display area but may be either encased in a break-resistant container or replaced by a break-resistant container. The exception is glass light bulbs. Mercury thermometers are prohibited.
- No liquids may be displayed.
- Knives and other sharp objects may not be displayed.
- Microorganisms may not be displayed.
- Drugs, over-the-counter medications, antibiotics, and vitamins may not be displayed.
- All power driven parts must be suitably guarded to prevent unauthorized or accidental access.
- Access to electrical outlets is limited, so please bring a heavy-duty/three-pronged extension cord. Please check the appropriate space on the registration card if electricity is needed.
- All exhibits that require an external source of electricity for operation must be designed for a standard 110-125 volt AC supply.
- All wiring, switches, power cords and metal parts carrying current in an AC circuit must be properly selected for load requirements and soldered or fixed under approved connectors with insulated connecting wires. No exposed wires, switches, joints, or un-insulated fasteners will be permitted.
- The power supply cord for the electrical apparatus must terminate in a three-prong grounded outlet. All power supplies and electrical equipment must be grounded.
- Bare wire and exposed knife-type switches are permitted on 12-volt DC circuits or less. Approved standard enclosed switches are required for all other electrical installations.
- Wet-cell batteries with open tops are not permitted. Closed-cell or dry-cell batteries are permissible.
- The operation of high-pressure vessels and pressurized systems is not permitted.
- There must be no open flame, torch or burner in the display area.
- All microwave and radio frequency sources must be designed and operated in compliance with state and federal regulations as well as applicable standards of the American National Standards Institute.
- Robotics projects should have interlocks or other controls.