

MODEL TRAIN

OBJECTIVES

1. To introduce young people, grades 4 to 13, to new or advanced skills by building and operating a modular Hi-Rail model railroad. Members will learn:
 - Basic simple carpentry and proper use of tools by building a model railroad module
 - Elemental principles of safe low-voltage electrical wiring necessary to operate the model railroad.
 - Cooperation and team work through mutually erecting, connecting and operating the model railroad.
 - Principles of graphic display in planning and creating theme, scenery and model structures.
2. To foster an understanding, knowledge and appreciation of regional history through the completion of a Member Project. Members will learn:
 - Historical perspectives, geography and research techniques through the study of railroads, their history and the regional communities they serve and their equipment.
 - To build and operate models and railroads.
 - To build models of regional dwellings, occupations and communities to geographically demonstrate both historic work and life styles, especially as they are interrelated with regional historic railroads.

RULES AND REQUIREMENTS FOR EXHIBITION

1. Only enrolled members of the 4-H Model Train Club may exhibit.
2. All exhibits must be the result of a club member's own effort.
3. All exhibits must be tagged with the member's name, age.
4. Module entries will be part of the club layout.
5. Modules will be judged on the basis of creativity and demonstration of knowledge of the topic selected.
6. Each entry shall be accompanied by a Personal Record Sheet.
7. Members will be scheduled to operate the display at the discretion of the leader.
8. Every member will assist in set up and take down of fair displays.
9. Every member will submit a completed project book.

CLASSES

1. New and updated modules
2. First year - Oral presentation on assigned special railroad project.
3. Second year- Members learn the basics of methods and materials used in landscaping their modules.
4. Third year – (2 choices) A. Members select an undecorated railroad car and decorate it according to their research as to what the car should look like or B. Members can select a plastic Building Kit to be assembled and decorated.
5. Fourth year – Members are taught the basics of electricity and electronics. With this knowledge they upgrade their display.
6. Fifth and sixth years – Members select, draw and build a structure.
7. Senior projects – Special project that will enhance the club's modules and overall layout.

AWARDS

All entries will receive Danish ribbons

Rosettes for 1st, 2nd, 3rd place in each class, depending on scores and number of entries.

April 2023