DEPARTMENT 69 – SCIENCES

ANIMAL EDUCATION CLASSES

* Each Class Entry in this DIVISION must have a poster or three-dimensional display to receive premiums.
* Ownership or exhibition of live animals is not necessary for participation in this DIVISION.

DIVISION 1 – ANIMAL SCIENCE POSTER
Class #
6900 General Animal Science Poster Exhibit

DIVISION 2 – BEEF SCIENCE
Class #
6901 Beef Science Exhibit
6902 Beef Production Records and Poster

DIVISION 3 – DAIRY SCIENCE
Class #
6903 Dairy Science Exhibit
6904 Dairy Production Records and Poster

DIVISION 4 – DOG SCIENCE and HUSBANDRY
Class #
6905 Dog Science Exhibit
6906 Dog Husbandry Notebook – guidelines available at MSU Montcalm Extension office and online
6907 Leader Dog Exhibit

DIVISION 5 – GOAT SCIENCE
Class #
6908 Goat Science Exhibit
6909 Goat Production Records and Poster

DIVISION 6 – HORSE SCIENCE
Class #
6910 Equine Science Exhibit
6911 Junior Horse Science Exhibit (Ages 9 – 12)
6912 Advanced Horse Science (Ages 13 – 19)

DIVISION 7 – LLAMA/ALPACA SCIENCE
Class #
6913 Llama/Alpaca Science Exhibit
6914 Llama/Alpaca Production Records and Poster

DIVISION 8 – POULTRY SCIENCE
Class #
6915 Poultry Science Exhibit
6916 Poultry Production Records and Poster

DIVISION 9 – RABBIT SCIENCE
Class #
6917 Rabbit Science Exhibit
6918 Rabbit Production Records and Poster

DIVISION 10 – CAVY SCIENCE
Class #
6919 Cavy Science Exhibit
6920 Cavy Production Records and Poster

DIVISION 11 – SHEEP SCIENCE
Class #
6921 Sheep Science Exhibit
6922 Sheep Production Records and Poster

DIVISION 12 – SWINE SCIENCE
Class #
6923 Swine Science Exhibit
6924 Swine Production Records and Poster

DIVISION 13 – ANIMAL FLEECE
Class #
6925 Goat Fleece
6926 Llama/Alpaca Fleece
6927 Rabbit Fleece
6928 Sheep Fleece

ENGINES and POWER CLASSES

* All exhibits in this division must contain notebook with poster and/or other labeled material(s).

DIVISION 14 – SMALL ENGINES
Class #
6929 Small Engines Educational Exhibit

DIVISION 15 – TRACTOR PROGRAM
Class #
6930 Tractor Program Educational Exhibit

DIVISION 16 – AUTOMOTIVE CARE and MAINTENANCE
Class #
6931 Beginner Automotive – 1st year
6932 Advanced Automotive – 2nd year and over

DIVISION 17 – SNOWMOBILE CARE and MAINTENANCE
Class #
6933 Beginner Snowmobile – 1st year, include materials and tools used in care, maintenance, and safety
6934 Advanced Snowmobile – 2nd year and over, include materials, tools and/or special projects on care, maintenance, and safety
DIVISION 18 – MINI/TRAIL BIKE/ATV  (AGES 10 – 19)
Class #
6935 Beginner – 1st year, poster on safety and care with notebook including paragraph on environmental protection.
6936 Intermediate – 2nd year, poster with specific mechanical care and continued notebook on care and safety to include map showing a safety trail and use of skills.
6937 Advanced – 3rd year and over, continued 1st and 2nd year notebook and add one of the following educational exhibits on: 1-customizing, 2-design and original trail/mini bike and exhibit plans or the finished product, or 3-disassemble a mini/trail bike engine, label all parts and diagram, then put back together.

DIVISION 19 – OTHER MECHANICAL SCIENCE
Class #
6938 Bicycle Safety and Maintenance Exhibit – include poster and notebook and/or other labeled material.
6939 Aeronautics Educational Exhibit – include poster and notebook and/or other labeled material on model airplanes or rockets

DIVISION 20 – ELECTRICAL SCIENCE
Class #
6940 Individual Electrical Project
6941 Advanced Electrical Educational Exhibit
6942 Group Electrical Project – Must be listed with the club registration.

DIVISION 21 – WOOD SCIENCE

* An article is made of one piece of wood, a project is made of two or more pieces, and a large project is made of at least five pieces. Project may include other materials.

BEGINNER PROJECT (AGE 9)
Class #
6943 Beginner – 1 project or 2 articles

APPRENTICE PROJECTS (AGES 10 – 12)
Class #
6944 Apprentice – 1st Item (1 project or 2 articles)
6945 Apprentice – 2nd Item (1 project or 2 articles)

HANDYMAN PROJECTS (AGES 12 – 14)
Class #
6946 Handyman – 1st Project
6947 Handyman – 2nd Project
6948 Handyman – Large Project

CRAFTSMAN PROJECTS (AGES 14 – 19)
Class #
6949 Craftsman – 1st Large Project
6950 Craftsman – 2nd Large Project

DIVISION 21 – WOOD SCIENCE (Continued)

OTHER WOOD SCIENCE PROJECTS
Class #
6951 Furniture or Accessory – Refinishing
6952 Educational Project
6953 Group Project (made by 2 or more members)

DIVISION 22 – METAL SCIENCE
Class #
6954 Small Assembled Metal Project
6955 Large Assembled Metal Project
6956 Small Welded Metal Project
6957 Large Welded Metal Project
6958 Educational Exhibit
6959 Group Exhibit