

MICROWAVE COOKING

PROJECT SUPERINTENDENT:		Evelyn Burton, 317-519-5788, evelyn.s.burton@gmail.com Caryn Terry, terryc@wws.k12.in.us
EXHIBIT CHECK-IN:	ALL Levels	Wednesday, July 17, 8-9 AM
JUDGING:	ALL Levels	Wednesday, July 17, 9 AM, Open Judging
RELEASE:		Tuesday, July 23, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		No entries, County project only

Levels:

Junior: Grades 3-6
Senior: Grades 7-12

Project Guidelines: All divisions complete three (3) Microwave experiments.

Exhibit Requirements:

- Filling, frosting, glazing, pie filling, and meringue, whether uncooked or cooked, are not permitted to contain cream cheese, whipped cream, pasteurized/unpasteurized milk or eggs/egg whites (pasteurized eggs or eggs cooked to 160°F may be used). Home-canned fruits, vegetables, or meats are not permitted in products. Recipes must be provided that show which ingredients were used in each part of the product. Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. Contestants should not prepare ready-to-eat foods to be entered into competition if they are ill with vomiting, diarrhea, fever, sore throat, or jaundice. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).
- All products must be baked in a microwave oven, not a conventional or convection oven AND BE MADE FROM SCRATCH.
- Exhibit products on cardboard or Styrofoam plates or containers slightly larger than the product and cover in some manner. (All containers, unless claimed beforehand, will be disposed of immediately after judging.)

Recipe or index cards:

1. A recipe card or index card (no larger than 5 ½" x 8 ½") is required for all food preparation and food preservation exhibits. Be sure to include the recipe source and all the information requested in the exhibit description, as well as your name, county, grade level/exhibit option, and 4-H Club. It is recommended that you wrap the card in plastic wrap or in a plastic bag. Recipe cards will not be returned.
2. Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.

GRADE 3:

Exhibit entire recipe of a microwave snack.

GRADE 4:

Exhibit entire recipe of fudge.

GRADE 5:

Exhibit an entire recipe of bar cookies or brownies (no plain rice krispie treats).

GRADE 6:

Exhibit a whole upside down cake.

GRADE 7:

Exhibit entire recipe of fruit crisp.

GRADE 8:

Exhibit a whole coffee cake.



GRADE 9:

Exhibit an entire recipe of hard candy.

GRADE 10:

Exhibit a whole double layer or Bundt cake.

GRADE 11:

Exhibit a whole pie.

GRADE 12:

Exhibit one (1) jar of jam or jelly (Label with date and name of item).

**MODEL TRACTOR PULL
(1/16 scale model tractors)**

PROJECT SUPERINTENDENT:		Rodney Rulon, 317-694-6741, rodney@rulonenterprises.com
EXHIBIT CHECK-IN:	Notebooks	Sunday, July 14, 4-6 PM
	1/16th Model Tractor	Monday, July 22, 9 AM
JUDGING:	Notebooks	Monday, July 15, 8:30 AM, Closed Judging
	1/16th Model Tractor	Monday, July 22, 9:30 AM, Open Judging
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description: This is an engineering and design project which you will start with a metal 1/16th scale toy tractor and add a motor, gearbox and rubber tires to create a scale size pulling tractor. All members must complete at least one (1) year in the beginner (electric) and one (1) year in the intermediate (fuel) Pro-Stock class before being able to exhibit in the advanced division **regardless of your grade in school**. For example: All first year members must exhibit as beginners (electric) regardless of grade. Second year members in grades 6-12 will exhibit as intermediates. The earliest you may exhibit in the advanced division is your third year in the project **regardless of your grade in school**. In addition, because of the expense and complexity of converting to the fuel powered classes, members of all grades will be able to continue to participate and complete the project with an electric powered tractor which follows the beginner division requirements even if they are registered as intermediate or advanced. Advancement to fuel power will be at the discretion of the member. However, members who choose to continue to participate in the electric class while registered for intermediate or advanced divisions will not be eligible for the Champion/Grand Champion electric placing. Champion and Grand Champion of the beginner division will be available only to those registered in the beginner division. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

<u>Beginner</u>	Grades 3-5
<u>Intermediate</u>	Grades 6-8
<u>Advanced</u>	Grades 9-12

Project Guidelines:

- Use a General Record Sheet (4-H 528).
- Projects will be judged as follows:
25% on Static Model and Project Binder.
75% on placing in the tractor pull at the Hamilton County 4-H fair.

Exhibit Requirements:

- For all divisions a project binder with your completed general record sheet and pictures/information about your tractor will be on display at the 4-H fair. The binder should include correct photos of your tractor along with captions explaining photos/engineering concepts. Photos of the completed tractor at the pull will also be needed for maximum binder points.
- Check-in for this will be on Sunday, July 14, 2019.
- Binders will be judged with placings awarded prior to the tractor pull.
- On the day of the pull you will be expected to bring your completed tractor for a tech inspection and check prior to the pull.