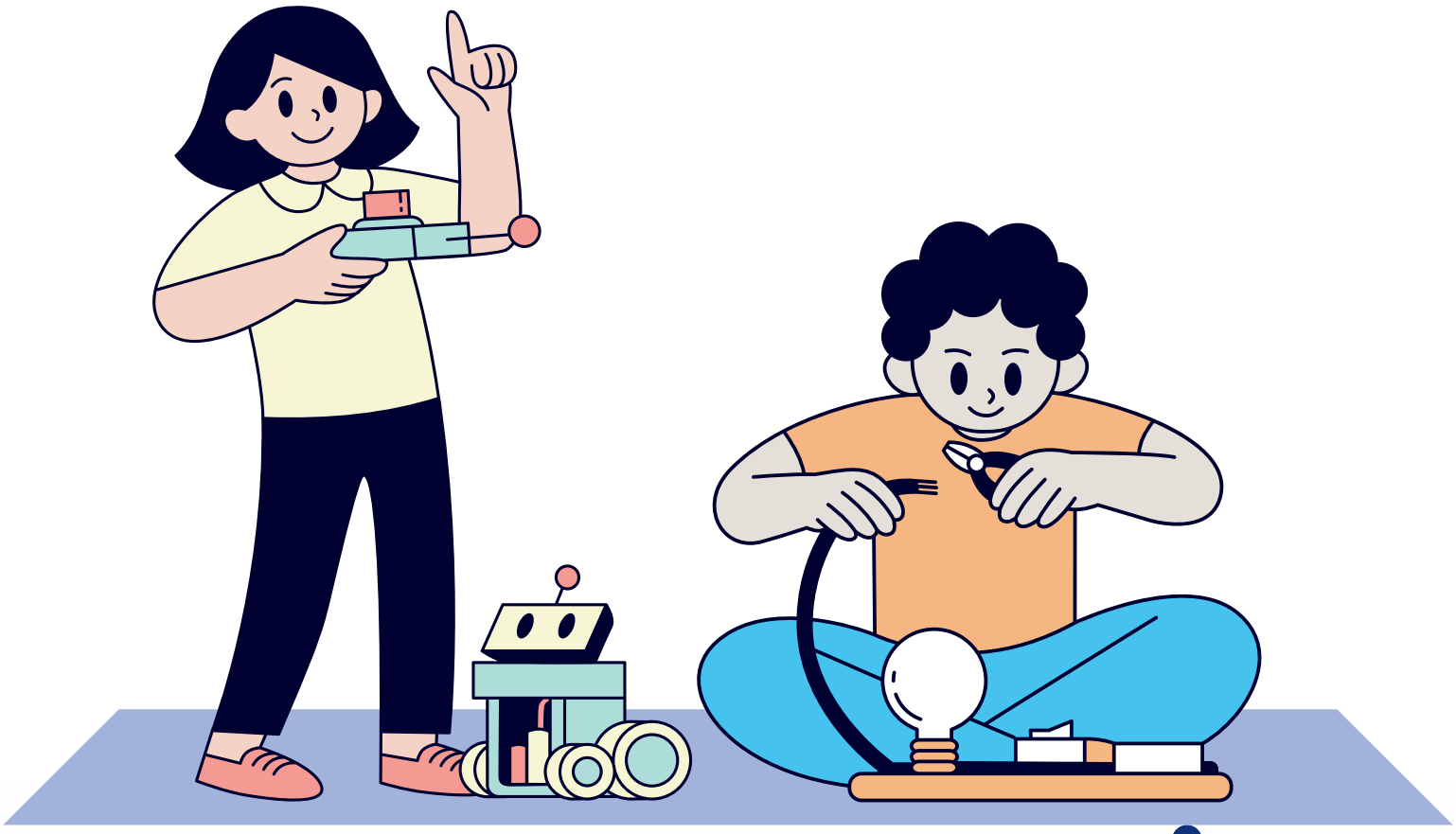
AUGUST 7-11 2024

S.T.E.A.M



JOSEPHINE COUNTY FAIR

OFFICIAL EXHIBIT GUIDE

JOSEPHINE COUNTY FAIR

SINCE 1914

GENERAL RULES FOR NON-LIVESTOCK EXHIBITS

1. All articles entered must be the work of the Exhibitor and have not been previously Exhibited in a prior year at the Josephine County Fair.

2. Online entries must be submitted by the date stated and published within each Department's Rules. Information must be accurate and complete.

3. Entries must be delivered and removed only during the published scheduled times. Removal of an Exhibit before the designated time forfeits all awards for that Exhibit. Items not picked up within 10 days after the close of Fair are forfeited by the Exhibitor.

4. Entries will receive a claim check upon delivery of their item(s) and must present the claim check in order to pick up items at the scheduled pick-up time after Fair.

5. Superintendent or Judge may disqualify or transfer any Exhibit to a more suitable Class which, in their opinion, is not a true representation of the Class in which it is entered or if published rules are not followed.

6. Departments are closed to the Public while Exhibits are being judged. Ribbons and/or prizes will be as warranted. All Judge's results are final.

7. Exhibitors found in violation of rules, or to be in practices unethical or adverse to Josephine County Fair, shall be penalized by forfeiture of awards and/or privileges and removed from the Exhibit.

8. The Josephine County Fair Board will take reasonable precautions to ensure the safety of Exhibits while at the Fairgrounds, but will not be responsible for loss, damage, theft or injury of any kind to Exhibits or Exhibitors. Exhibitors shall indemnify and hold harmless Josephine County which shall include all authorities, boards, bureaus, commissions, divisions, departments, districts and offices of Josephine County and the individual members, employees and agents thereof in their official capacities.

9. Media Disclaimer: Josephine County Fair reserves the right to use any photo or video taken at any event without the expressed written permission of those included within the photo or video. Josephine County Fair may use the photo or video in publications or other media. To ensure the privacy of an individual, images will not be identified using names or personal identifying information without written approval from the photographed Subject, Parent or Legal Guardian. Any person not affiliated with Josephine County Fair may not use, copy, alter or modify official Josephine County Fair photos, graphics, videography or other similar reproductions or recordings without the advance written consent of an authorized designee from Josephine County Fair.

S.T.E.A.M. COMPETITION RULES

PAVILION BUILDING

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1. All General Rules apply. There are no Entry fees. Entry deadline is August 1, 2024.
2. Entries must be registered online at **https://josephine.fairwire.com/** before drop-off.
3. Each exhibitor is limited to one entry per class and a maximum of 2 entries per Division unless otherwise specified. Maximum size will be 24 inches in length. Larger entries will need to be approved by the Superintendent. Drones cannot exceed 16 inches in diameter (Class 391 in divisions 1340-1348).
4. Static Exhibits of 3D Prints and Building Blocks must be in a condition suitable for display. All small pieces need to be secured to a base or model. Building Blocks, 3D and CNC created static entries are for display and must be brought to the Fairgrounds on Friday between noon-7pm, and Saturday 9am-3pm.
5. Challenge competition entries will need to be brought to Fairgrounds by entrant on the day they are scheduled to compete. Remote controlled vehicles for display only will be brought by the entrant on the day scheduled to display that class of vehicle. Schedules will be determined by the number of entries in each class and will be announced prior to the first day of Fair.
6. Dimensions, Scale, and MAH (if applicable) of the entry must be listed on the Showorks entry form.
7. Entries may be disqualified by the judges if rules are not followed.
8. Static Display entries must reflect the name and information of the person who created the item. Entries that will be involved in Interactive Challenges must reflect the name and information of the person who will be operating the entry during the challenges.
9. Items may not be removed from the Fairgrounds until the scheduled pick-up date(s). Items not picked up 10 days after the Fair will become property of the Josephine County Fairgrounds.
10. All judges' decisions are final.
11. Special Ribbons awarded for Best of Class, Best of Show, Most Creative, and People's Choice. Professionals and Semi Professionals are welcome and are only eligible for Blue, Red, and White Ribbons as well as People's Choice. A new ribbon will be awarded for Best Fair theme, and Josephine County theme.
12. All electronics brought into the Fairgrounds are the responsibility of the person entering the STEM competition. The staging rooms are not secured and ask that you not leave your items unattended. Josephine County Fairgrounds and volunteers are not responsible for theft, vandalism, or damages.
13. **AGE CLASSIFICATIONS**
    - Ages 5 Years and Under
    - Ages 6-9 Years
    - Ages 10-13 Years
    - Ages 14-17 Years
    - Special Needs (Any Age)
    - Adult - Beginner (Adults 18 years and older with less than 2 years of experience)
    - Adult - Intermediate (Adults 18 years and older with 2 to 5 years of experience)
    - Adult - Advanced (Adults 18 years and older with six or more years of experience and/or an Exhibitor who has taught small classes/small amounts of work sold)
    - Adult - Professional (Adults 18 years and older with those who have competed professionally, and/or are in the business of selling products they have created)

DIVISIONS

1340-1348	**Remote Controlled**	**Page 4**
1349-1357	**Robotics**	**Page 5**
1358-1365	**Building Blocks, Legos (etc.)**	**Page 5**
1368-1375	**3D Printing/Laser/CNC/CAD**	**Page 6**
1328-1335	**Graphic Arts**	**Page 7**

1340-1348 / REMOTE CONTROLLED DIVISIONS

Bring your On Road or Off-Road Remote-Controlled Vehicle to compete in our newly created Challenge courses.

Remote Control Trucks, Heavy Equipment, Motorcycles, Aircraft/Drones, Trains, and Watercraft are welcome to be brought for display only this year.

The purpose of this competition is to build and demonstrate an unmanned Remote-Controlled vehicle in challenges to be set up and announced prior to Fair. Challenge entries will be limited to Electric powered vehicles only. Challenges will be scheduled during the Fair. When all of the challenge entries are submitted and prior to the start of the Fair, you will receive your scheduled time/day to bring your entry.

Display Vehicles that are Electric or Gas powered can be registered but will not compete in the course challenges. You will be given a scheduled day to bring your display during the Fair and will be eligible for display ribbons only.

Judges will be checking for a balance between good vehicle setup, affordable/appropriate manufacturing, as well as a clean wiring setup in the Tech staging area prior to completing the challenges.

Dioramas that **DO NOT** have moving parts (such as model train layouts) are able to be entered in the Artisan/Hobby Division, Miniatures and Scale Models.

REMOTE CONTROLLED CHALLENGE CLASSES

385 Challenge: On Road Vehicle RTR
386 Challenge: On Road Vehicle Modified
387 Challenge: On Road Vehicle Open
388 Challenge: Off-Road Vehicle RTR
389 Challenge: Off-Road Vehicle Modified
390 Challenge: Off-Road Vehicle Open
391 Challenge: Drones and Other Aircraft

REMOTE CONTROLLED DISPLAY ONLY CLASSES

This year we would love to see your vehicles and plan on having these added to competitions going forward.

392 Display: Trucks & Heavy Equipment
393 Display: Diorama with Remote Controlled Vehicle (Trains etc.)
394 Display: Vintage (Built Prior to 1992)
395 Display: Drag Racers
396 Display: All Others NOT Classified

1349-1357 / ROBOTICS

Build your own Robotic autonomous or Remote-Controlled entry. The purpose of this competition is to build and demonstrate a vehicle that uses robotic movements, either by remote control or Autonomous programming. Limited to Electric-powered vehicles only.

A “trash bot” needs to be 75% created with recycled, repurposed, or “cannibalized” pieces. This can include recycled wood, cardboard, motors, etc. Batteries, software, and firmware will not need to be recycled and must be safely mounted. Robots that are non-operable may be entered “for display only”.

All entries must have fully secured parts, nothing loose or hanging that might become separated from their entry. Display only robotics can be mounted to a board for stability.

ROBOTICS CLASSES

397 Remote Controlled Kit/Prebuilt
398 Autonomous Kit/Prebuilt
399 Remote Controlled Scratch Build
400 Autonomous Scratch Build
401 Remote Controlled Building Blocks w/ Robotics
402 Autonomous Building Blocks w/ Robotics
403 Autonomous Trash Bot
404 Display Only Robotics (Not Required to be Operable)

Group Competition

405 Club/School/Family Build

1358-1365 / BUILDING BLOCKS, LEGOS, ETC.

Entries in the Building Blocks Division must consist 100% of Building blocks or accessories created for the Sets. Building Blocks are LEGOS, K- Nex, Lincoln Logs, TinkerToys, etc., and can include a combination of any of these.

Entries that a mixture of Building blocks and other media without robotics can be entered in the Artisan Craft/Hobby Division under Scale Models and Miniatures, or Mixed Media.

Entries with Robotics should be entered in the Robotics Division if you wish to enter the challenges. Entries here are for display as a static entry only for Judging the appearance and creativity.

All exhibits must be in a condition suitable for display and the entire entry must be on a single building board of 12 x 12. Please secure all small pieces to the board or the model. If you wish to bring something larger you must receive pre-approval from the Department Superintendent.

BUILDING BLOCKS, LEGOS, ETC. CLASSES

406 Single Object – Kit
407 Single Object – Original Design
408 Layout/Diorama – Kit
409 Layout/Diorama – Original Design (Can Include Lighting)
410 Superheroes or Other Figures

Group Competition

411 Club/School/Family Build Project

1368-1375 / 3D PRINTING/LASER/CNC/CAD

Entries will be judged on overall appearance, creativity, if original design or created by someone other than the entrant.

Must be entered by the person/group who prints the item. Original design needs to be entered by the Creators of the design, not just a remake of someone else's design unless it is a basic file that is modified considerably such as a downloaded box design. Discussion with the staff when entering can help determine this. Superintendent judgement is the final say.

Multi piece entry can be a combination of original and downloaded or purchased designs, please denote on the description which pieces were created by the entrant.

Any item that has a footprint larger than 12 x 12 will need to be noted and approved by the Division Superintendent.

3D PRINTING/LASER/CNC/CAD CLASSES

Non-Original Design - Downloaded or purchased file

- **412** Non-Original Design: Functional Item (Box, Keychain, Door Opener, etc.)
- **413** Non-Original Design: Fantasy/Artistic Figures or Decorative
- **414** Non-Original Design: Articulating Print w/ Moveable Parts

Non-Original Design - Downloaded or purchased file

- **415** Original Design: Articulating Print w/ Moveable parts
- **416** Original Design: Functional Item (Box, Keychain, Door Opener, etc.)
- **417** Original Design: Fantasy/Artistic Figures or Decorative Structures

Non-Original Design - Downloaded or purchased file

- **418** Club/School/Family Project
- **419** Multi Piece Print/Cut (Diorama, Layout, Multi-level, etc.)

1328-1335 / DIGITAL ARTS

(Visual arts that are computer generated or enhanced)

Original Verse: Something you have written. Does not have to be new but needs to be new to our Fair Entries. If you have a verse that you have created but have a new Visual design that is welcome. This class is set up more for the aesthetics of the overall design rather than the content of the poem. There is a new Division for Creative Writing and Literary Arts that you can enter for this purpose.

Public Verse: Created by someone else but you choose to design a visual graphic to portray, however credit needs to be given to the original author. (If known otherwise choose "unknown author" to credit). Again, this is judged on the overall finished product not on the content of the writing.

Graphic design is centered on the digital aspects of designing. There are so many ways to design with our computers we wanted to highlight this medium. Any traditionally created designs which are scanned in and then entered such as graphic novels or short stories will be entered in the Creative Writing and Literary Arts Division.

DIGITAL ARTS CLASSES

Calligraphy & Lettering

- **402** Calligraphy & Lettering - Original Verse, Digitally Enhanced
- **403** Calligraphy & Lettering - Public Verse, Digitally Enhanced
- **404** Calligraphy & Lettering - Modern Lettering, Digitally Enhanced
- **405** Calligraphy & Lettering – Illuminated Lettering, Digitally Enhanced
- **406** Calligraphy & Lettering – Poster or Sign, Digitally Enhanced

Digital Graphic Design

- **407** Digital/Digitally Enhanced Cartooning, Single Page
- **408** Digital/Digitally Enhanced Fan Art
- **409** Digital/Digitally Enhanced Mandalas
- **410** Digital/Digitally Enhanced Zentangles
- **411** Digital/Digitally Enhanced Abstract Design
- **412** Digital/Digitally Enhanced Graphic Novel
- **413** Digital/Digitally Composite/Fantasy
- **414** Digital/Digitally Enhanced Mixed Media Wall Hanging
- **415** Digital/Digitally Enhanced Mixed Media Journal/Cover
- **416** Digital Scrapbooking (Up to two – 12" x 12" pages hangable)
- **417** All Other Digital Designs