DIVISION W – 4-H ROBOTICS CHALLENGES

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Date: Sunday, August 25, 2024 – 9 am
Location: Lower Level Grandstand (Rear)

Division Rules & Regulations:

1. Only 4-H Members may participate in this division. A 4-H member can only participate on one team only for this contest and cannot compete in both the Lego Robotics and Robotics Engineering Challenge (REC) contests at the state fair in the same year.
2. Participants must comply with "General State Fair Rules & Regulations", "General 4-H and FFA Rules & Regulations", these "Division Rules & Regulations" and the applicable "Section Rules & Regulations".
3. Participants will participate according to their 4-H Age (as of 1/1/2024): Junior (ages 8-10); Intermediate (ages 11-13), Senior (ages 14-18) unless noted **(see Rule 5 about team classifications).**
4. **Entries are due July 31, 2024** via 4-H Online: https://v2.4honline.com/**. The Maryland State Fair system is NOT to be used for registration. Interested participants without internet access should contact their County Extension Educator for assistance.**
5. Each county and Baltimore City may register up to two (2) teams to **participate in each class (by age division)** at the State Fair. Registration is completed via 4-H Online and approved by the local 4-H Extension Educator. There is a $5 entry fee per member, regardless of team size. Contact your local UME 4-H office if you are interested in this event. 4-H Online website: https://v2.4honline.com/
6. **LEGO Robotics and REC teams must consist of three to eight (3-8) 4-H members apiece. Coaches and volunteers are allowed to lead multiple teams. Individuals are not allowed to compete on teams by themselves. Teams may consist of mixed age-members, but the oldest youth member on the team will determine the age division.** Teams may be made up of members from multiple counties as long as the counties involved do not have a team in the given division (LEGO Robotics or REC).
7. Game manuals and other contest information can be found at https://extension.umd.edu/programs/4-h-youth-development/program-areas/stem. The game manuals will explain the contest rules, building instructions, project and presentation information, and the other requirements of teams that participate in the State Fair contest.
8. Participants will be disqualified at the discretion of the Superintendent for unsafe practices or acts unbecoming a 4-H member or coach.
9. Awards: Ribbons will be awarded to the 1st-10th Place in each class. Premiums: 1st ($15), 2nd – 10th ($10).

CLASSES

V1050 LEGO Robotics 4-H Challenge Junior Team
V1051 Award Class (Fair Use Only) LEGO Robotics 4-H Challenge Junior Team *Champion*
V2050 LEGO Robotics 4-H Challenge Intermediate Team
V2051 *Award Class (Fair Use Only)* LEGO Robotics 4-H Challenge Intermediate Team *Champion*
V3050 LEGO Robotics 4-H Challenge Senior Team
V3051 Award Class (Fair Use Only) LEGO Robotics 4-H Challenge Senior Team *Champion*

V1052 4-H Robotics Engineering Challenge (REC) Junior Team
V1053 Award Class (Fair Use Only) 4-H Robotics Engineering Challenge (REC) Junior Team *Champion*
V2052 4-H Robotics Engineering Challenge (REC) Intermediate Team
V2053 Award Class (Fair Use Only) 4-H Robotics Engineering Challenge (REC) Intermediate Team *Champion*
V3052 4-H Robotics Engineering Challenge (REC) Senior Team
V3053 Award Class (Fair Use Only) 4-H Robotics Engineering Challenge (REC) Senior Team *Champion*