

Robotics

(Not a State Fair Project)

(To enroll in the Robotics project, select STEM: Robotics in 4HOnline.)

Levels:

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Requirements:

Level 1 (Grades 3-5):

1. Create an informational poster about Robotics. The exhibit must be a 22" X 28" poster board (foam-core or other board with firm backing) and covered with clear plastic.

Robotic topics may include, but are not limited to:

- What is Robotics
- Examples of robots and what they are used for
- Careers in Robotics
- Examples of what you have learned at any Robotics events.
- Why you enjoy Robotics
- Any other topics related to the field of Robotics

2. A completed record sheet signed by your 4-H Leader must be presented along with your exhibit at project check-in (or before the presentation) at the fair.

Level 2 (Grades 6-8):

(Level 2 must create a poster AND do a demonstration at a 4-H Club meeting)

1. Create an informational poster about Robotics. The exhibit must be a 22" X 28" poster board (foam-core or other board with firm backing) and covered with clear plastic.

Robotic topics may include, but are not limited to:

- What is Robotics
- Examples of robots and what they are used for
- Careers in Robotics
- Examples of what you have learned at any Robotics events.
- Why you enjoy Robotics
- Any other topics related to the field of Robotics

2. Present a demonstration about your Robotics Project (poster) at a 4-H club meeting. The demonstration is a 5-10 minute presentation about the Robotics poster you created to exhibit at the Jennings County Fair.

3. A completed record sheet signed by your 4-H Leader must be presented along with your exhibit at project check-in (or before the presentation) at the fair.

Level 3 (Grades 9-12):

(Level 3 must create a poster AND do a demonstration at a 4-H Club meeting OR at the fair. See requirement 2 for more details))

1. Create an informational poster about Robotics. The exhibit must be a 22" X 28" poster board (foam-core or other board with firm backing) and covered with clear plastic.

Robotic topics may include, but are not limited to:

- What is Robotics
- Examples of robots and what they are used for
- Careers in Robotics
- Examples of what you have learned at any Robotics events.
- Why you enjoy Robotics
- Any other topics related to the field of Robotics

2. Present a 5-10 minute demonstration (at a 4-H Club meeting) about the Robotics Project (poster) that you created to exhibit at the Jennings County Fair **OR** present a **Demonstration** or **Informative 4-H Presentation** on a schedule date and time at the Jennings County Fair (See Extension Staff for details). Requirements for the **Demonstration** and the **Informative 4-H Presentation** may be found in the Jennings County Handbook under "Communications".
3. A completed record sheet signed by your 4-H Leader must be presented along with your exhibit at project check-in at the fair.

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