

4-H STEM Exhibition

Open to all age divisions: Team or Individual

The 4-H STEM Exhibition is a great way for 4-H member to show off their imagination, innovation and creativity. This is open to the [Missouri 4-H STEM](#) projects of Computer Science, Geospatial (GIS/GPS), Energy, Electricity, Aerospace, Welding, Woodworking, Small Engines, and Agricultural Tractor. Each team or individual has complete freedom to create interactive and projects for scientific experiments and for practical applications. There is no specific theme for the 2019 competition season. Teams and individuals are free to choose their own project theme.

In this event, youth are encouraged to be creative and present a unique STEM exhibit or challenge for display. Each STEM exhibit will be judged for creativity and technical content. All 4-H youth are welcome to show off what they have learned in the 4-H STEM projects listed above.

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- Project Requirements/Limitations

- Any material that is safe for humans can be used.
- On the day of the competition, each 4-H STEM Exhibition team or individual will be provided with a 6 ft or 8 ft long table on which to display/demonstrate projects. Teams may choose to demonstrate projects on the floor. However, the exhibition space for each team is limited to a maximum of 64 square feet including the table.
- Teams must bring all the necessary materials for their exhibition.
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- Project Recommendations

- It is requested that teams bring poster boards or other signage to describe their projects
- Hard copies of team project documents to give to the judges are a plus, but not required

- Project Presentation

- Teams will have their project on display throughout the day. Judges will visit the team in the exhibition area at which time teams will present their project to the judges. There will also be a scheduled time for 4-H youth and families to tour the Exhibition area and listen to team presentations.
- Teams will have a maximum of 6 minutes to explain and demonstrate their STEM project.
 - Teams are responsible for keeping track of their 6-minute time limit.
(Exceeding time limit may result in deduction of points)
 - During the official 6-minute presentation, teams may not ask official Judges to be a part of their demonstrations.

- Judging

- In addition to the formal presentation, Judges will ask additional questions, evaluate exhibits, and inspect program code at any time within the Official Judging time blocks
- Age-appropriate math and science applications will be judged.
 - Advanced level skills are fine to use, however, they may not necessarily result in the highest scores in the STEM learning category on the rubric.